

# *The* **CHEMIST AND DRUGGIST**

For Retailer, Wholesaler and Manufacturer

MAY 3 1958

*A place  
in the  
sun*

• with the knowledge that should sunburn, prickly heat, or insect bites and stings spoil the pleasure, then prompt, soothing and cooling relief may be obtained with 'Anthical' Lotion.

• Supplied in containers of 4 fl. oz. (containing 2 per cent mepyramine maleate)

... retail price 3s. 6d.\* plus 8½d. purchase tax  
Bonus terms of 13 to the dozen are available through wholesalers until 28th September.

\*subject to usual trade discount.

**'ANTHICAL'**

trade mark: brand  
MEPYRAMINE MALEATE/ZINC OXIDE

**LOTION**

MANUFACTURED BY:  
MAY & BAKER LTD



**ADVERTISED**

week after week  
on T.V. and in the Press

Retail 2/- a tin  
Trade 13/6 a dozen



## Potter's CATARRH PASTILLES

with the famous 'fighting formula'

### ADVERTISING BOOSTS SALES

Potter's Catarrh Pastilles are being advertised throughout the winter on a scale that will bring them before the public in millions of homes. T.V. with its vast influence is being used on all four main channels as a regular Saturday feature. Other areas not covered by T.V. are being supported by sustained local Press advertising. Why not check your stocks now!

#### An Ideal Counter Display

This eye-catching display outer to hold 1 dozen tins of Potter's Catarrh Pastilles makes a fine counter attraction for impulse buying.

#### Also POTTER'S CRYSTALLISED CATARRH PASTILLES

made specially for those who prefer a 'sugary' taste. Firm favourites with children.



POTTER & CLARKE LTD · RIVER ROAD · BARKING · ESSEX · Telephone: RIPpleway 1105-8



**HIGHEST TOLERATION**

**PRACTICAL  
DOSAGE COMBINATIONS**

**SATISFACTORY  
CLINICAL RESPONSE**

*Physicians therefore specify*

**Calcium B-PAS WANDER**

*and*

**B-Pasinah WANDER**

(calcium B-PAS Wander plus isoniazid)

*in the domiciliary*  
**Chemotherapy of Tuberculosis**

**B-PAS (Wander)**, 4-benzoylamino-2-hydroxybenzoic acid, first introduced by our Research Laboratories in 1948, is the drug of choice in regimens comprising PAS in concurrent therapy.

In the form of its calcium salt, it induces only minimal side-effects as compared with sodium PAS, and because of its high acceptability guarantees as far as possible that domiciliary patients take their medication.

**CALCIUM B-PAS (Wander)**

Powders: Tins of 150 and 400 x 3.5g. envelopes  
Cachets: „ „ 80 and 400 x 1.0g.

Also available: Sodium B-PAS (Wander)  
in 1.5g. Cachets.



**'B-PASINAH' (B-PAS plus Isoniazid)**

Powders: Calcium B-PAS (Wander) 3.5 g.  
Isoniazid . . . . . 87.5 mg.  
Tins of 150 and 400

Cachets: Calcium B-PAS (Wander) 1 g.  
Isoniazid . . . . . 25 mg.  
Tins of 100 and 500

Price details of all forms of PAS from the Medical Dept.

*All Wander tuberculostatic products are available from usual wholesalers or direct from*

**A. WANDER LIMITED, 42 UPPER GROSVENOR ST., GROSVENOR SQ., LONDON W.1**



T56

A



ABOUT HAYFEVER  
PREPARATIONS  
we can't teach you  
(or the prescriber)  
a thing . . .

we can only remind you that

**Cortril\* snuff**  
Brand of Hydrocortisone

ANTI-INFLAMMATORY ANTI-ALLERGIC

is the most effective hayfever  
treatment

Each Cortril Snuff capsule contains 15mg. hydrocortisone free alcohol in 85mg. lactose. The capsules are available in bottles of five and twenty-five. For administration a plastic powder insufflator (Drug Tariff) is used.

and that **Tyzanol\***

Brand of Tetrahydrozoline Hydrochloride  
NASAL DECONGESTANT

really does clear the way

Unusually safe and potent. Tyzanol quickly restores nasal patency. Each plastic squeeze bottle contains 15 c.c. of 0.1% tetrahydrozoline hydrochloride.

\* Trade Mark



**PFIZER PHARMACEUTICALS**  
Manufactured at Sandwich and processed  
at Folkestone, Kent





# IMPORTANT PRICE REDUCTIONS

as from MAY 5, 1958

**ROUSSEL LABORATORIES** are happy to announce that with their new plant at Stratford, London, now in full operation and with a growing demand for their corticosteroid preparations, they are able to make important economies in the synthesis of DECORTISYL (prednisone) and PRECORTISYL (prednisolone). This saving is being passed on immediately in the form of **substantial price reductions of the order of some FIFTEEN to TWENTY PER CENT**

The reductions will apply to the following preparations —

## DECORTISYL TABLETS

(prednisone)

## PRECORTISYL TABLETS

(prednisolone)

## ASMACORT TABLETS

(prednisone ephedrine  
theophylline phenobarbitone)

## CORTIBIOTIC SKIN OINTMENT

(prednisolone and soframycin)



*Details of the reductions and arrangements regarding credit for current stocks are being mailed individually to all pharmacists.*

**ROUSSEL LABORATORIES LIMITED, 847 Harrow Road, London, N.W.10**  
LADbroke 6611

**Associate Company UCLAF LTD., Marshgate Lane, Stratford, E.15**

## TRITOX

**THE ONLY NO-SPRAY SYSTEMIC  
INSECTICIDE AVAILABLE TO  
THE AMATEUR GARDENER**

**MAKES GREENFLY AND OTHER  
APHIDS KILL THEMSELVES**



DILUTE

SOAK  
SOILPLANT  
ABSORBSAPHIDS  
DIE

for  
non-edible  
plants  
only

Retail selling prices

**3/6 & 6/-**  
per bottle

Economy sizes

**11/6 & 21/-**



Full particulars and trade prices from sole manufacturers:

**ASSOCIATED FUMIGATORS LTD.**

112 Victoria Dock Rd., London, E.16. Tel: Albert Dock 2145/6

## Whitaker's for Dyes

**"LUTON" STRAW HAT DYES and  
"AURORAL" COLD WATER DYES**

are nationally advertised and are regularly requested.  
Attractive Pattern Cards and Showcards supplied.

Write for Order Form giving full lists of colours, prices and terms to:  
**WHITAKER & CO. (KENDAL) LTD., KENDAL.**

PRICES REDUCED

### HARDWOOD APPLICATORS

100 boxes and over 3/- per box, 50 to 99 boxes 3/3 per box  
under 50 boxes 4/- per box. Standard pack, 6 gross to a box

**IMMEDIATE DELIVERY FROM LONDON  
STOCKS**

### • TONGUE DEPRESSORS

LOWEST PRICES SINCE THE WAR

Size 6in. x 3/4in. x 2mm. thick. Prime Hardwood perfectly finished  
Boxed 100's Minimum order 10,000

Wholesale Houses only supplied

**ASHWOOD TIMBER INDUSTRIES LTD.**

Specialists in Veneer and Plywood Products for all Trades

**IBEX HOUSE • MINORIES • LONDON, E.C.3**  
Tel: ROYal 2494 Cables: ASHTIM, LONDON

**GUM TRAGACANTH**  
**GUM KARAYA**  
WHOLE AND POWDERED  
DIRECT IMPORTERS

Phone  
MANSON  
HOUSE  
4-465  
(3 lines)

**M. HAMBURGER & SONS  
LIMITED**  
Plantation House  
MINCING LANE • LONDON E.C.3



**THE HOSEZENE CO. LTD. NOTTINGHAM**

**BURROUGH'S**

**S.V.R. DOUBLY  
RECTIFIED**

JAMES BURROUGH LTD.,  
1 CALE DISTILLERY LONDON S.E.11

## TANNIC ACID

**AND DERIVATIVES**

**THE BRITISH DYEWOOD COMPANY LIMITED**

19 St. VINCENT PLACE GLASGOW C.1



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## Smoothing the path of pregnancy



### 'ANCOLOXIN'

(TRADE MARK)

### TABLETS

## stop pregnancy sickness

The combination of meclozine hydrochloride (25 mg.) and pyridoxine hydrochloride (50 mg.) provides rapid relief, in many cases within five days.

### 'ANORVIT' (TRADE MARK)

### TABLETS

during pregnancy and lactation

Iron (ferrous sulphate) associated with vitamin C and vitamin K provides adequate haematological response without gastro-intestinal disturbance.

	TRADE	RETAIL
Bottles of 50 tablets	1/10	3/4
Bottles of 500 tablets	9/6	

	TRADE	RETAIL
Tubes of 10 tablets	6/8	10/-
Bottles of 50 tablets	28/-	42/-

THE BRITISH DRUG HOUSES LTD. LONDON N.1

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## ***IMPORTANT ANNOUNCEMENT***

**On Monday, May 5th**

**MATTHEWS & WILSON LTD.**

*MANUFACTURING CHEMISTS*

**are vacating their premises, 6-8 Cole Street, London, S.E.1**

**Their new address will be:—**

**45 MORRISH ROAD, LONDON, S.W.2**

*Telephone: TULSE HILL 5881*

**to which all communications should now be sent**



**DOUBLE YOUR SALES IN SQUEZY MONTH • • BEGINS MAY 5<sup>th</sup>**

**SQUEZY**  
**local**  
**advertising**  
**covers**  
**every Town**

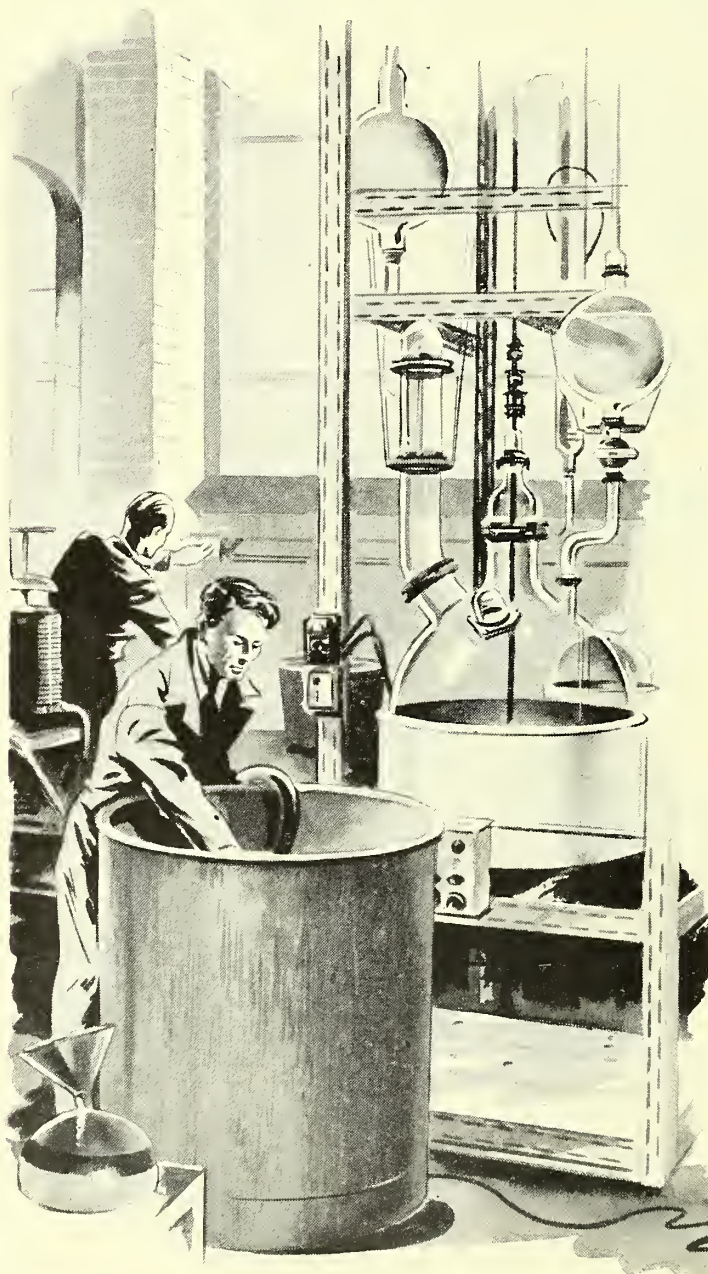
**100**  
**LOCAL NEWSPAPERS**  
**EVERY WEEK**  
**FOR EIGHT WEEKS**



The big SQUEZY campaign will reach your customers through your own local newspapers — **make certain of good sales by good display.** Remember the squeeze pack is the biggest selling idea in the detergent field!

# CARNEGIES

*Manufacturers of Fine Chemicals*



Makers of  
**ADRENALINE**  
and its  
homologues  
by synthesis

ADRENALINE ACID TARTRATE B.P.  
NORADRENALINE ACID TARTRATE  
B.P.C.

ADRENALINE B.P.  
ISOPRENALINE SULPHATE B.P.



'TREE OF LIFE'  
Products

REGD. TRADE MARK

**CARNEGIES OF WELWYN LIMITED**  
**Welwyn Garden City · Hertfordshire · England**

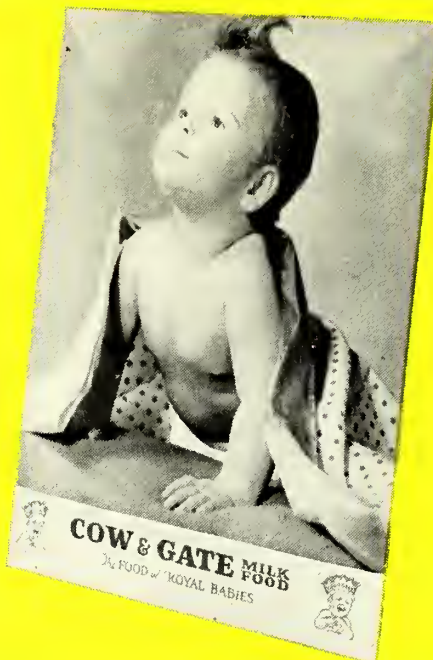
ESTABLISHED 1911

Cables: CARNEGIES, WELWYNGARDENCITY

Phone: WELWYN GARDEN 5001 (10 lines)

Telex: LONDON 28676



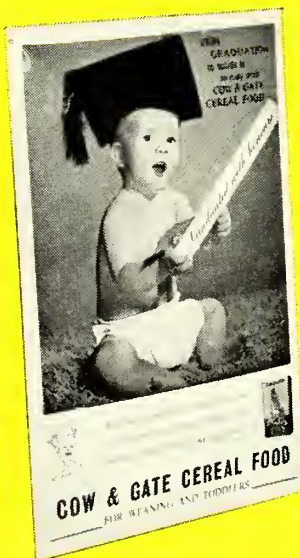


As from 1st May, 1958, we will be increasing our already extensive National Advertising through leading Women's magazines, etc., and will open our advertising drive with a very effective series on Television.

We will be pleased to send you a selection of these illustrated attractive new plastic process showcards, four of which are in full colour and one in black and white, upon request. All are eye-catching, appealing and tie up with our ever expanding Consumer advertising.

Please address your enquiries to:

**COW & GATE LTD. (DEPT. CD), GUILDFORD, SURREY**





# Daily Express half-page for nation wide HA

The *NEW* HALEX...  
the most **LIKEABLE** toothbrush  
ever made!

How do we know you'll like it? Because we asked. We asked hundreds and hundreds of people all over the country for their ideas about the perfect toothbrush. And then we made it. That's how we know you'll like it.

**You'll like** waking up to a Halex. It tones and stimulates the gum, leaving them tingling with health! **You'll like** the way a Halex reaches right round your mouth and into all the crevices of your teeth. It whips toothpaste to a refreshing foamy froth that spells death to decay germs and odour bacteria! **You'll like** the way your gums tingle and your teeth sparkle... and you'll know your breath is clean and fresh after brushing with a Halex. You feel fit to face the morning when you wake up to a new Halex—the most likeable toothbrush you've ever used!



"I like to brush my teeth first thing when I get up," Londoner Mr. Bert Walker likes the Halex long-head best because... "I'm a heavy smoker. I feel awful in the morning until I've brushed my teeth with lots of toothpaste. The long-head brush freshens up my whole mouth really fast."



"I like a hard toothbrush and my Halex does just that. I know it's a bit stiff but I actually worry about my teeth unless I feel I'm using after them properly!" Miss Helen Birch, of West Hampstead, Co. Durham, has sparkling white teeth and a beautiful smile. She doesn't worry if she cleans her teeth and massages her gums regularly with a Halex.



"I like a soft toothbrush, and the Halex multi-head seems best—has of its kind." Secretary Miss Elsie West likes to give her teeth and her gums a vigorous daily brushing. "No matter how hard I brush, the soft Halex 'Roundabout' nylon filaments don't scratch or hurt the gums."

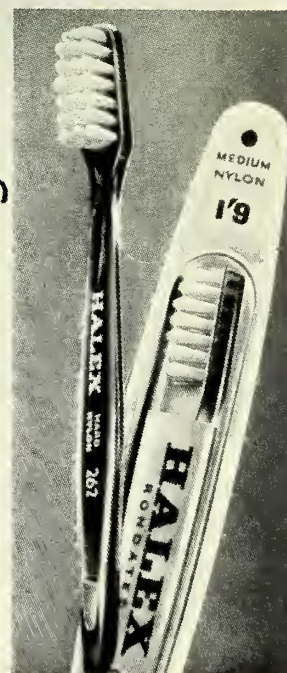


"I like brushing my teeth. I only wish my children did, too," says Mrs. Maureen Catterall of Birmingham. "And I like the new Halex because I really feel it is doing me good."

Look for the new Halex toothbrush on your chemist's counter. Don't worry. It's sure to like it!

# HALEX

you'll **LIKE** it!

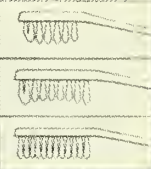


### 3 types of head to choose from

The new Halex short-head has a soft, nylon and is ideal for babies. And it's available with soft and medium-hard tufts.

If you like a brush with a long head, you can still have a new Halex. The handle shape and the tufts are exactly the same.

And if you like a multi-head with nylon and extra tufts, let us know. There's a new Halex for you.



Don't wait till the **Daily Express** half-page appears on May 14th—and acts like a 'dam buster' on 12 million customers.

Order from your wholesaler **NOW**.

Announcing a vigorous new advertising campaign for Halex toothbrushes. The *Daily Express* half-page marks the beginning of a high-pressure promotion... frequent advertisements will appear in leading national and selected provincial newspapers and in the big-3 women's weeklies.

Better get your stocks up now, because 'likeable' tooth-brushes move *fast*!

Look for Halex advertisements in:

The three leading Women's Weekly Magazines, big circulation National Daily Newspapers and in principal Scottish and Northern Ireland Newspapers

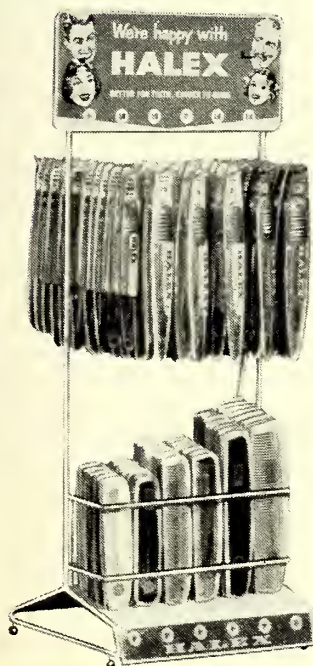




# Page is springboard HALEX sales-drive

## New Plastic sales aids FREE with every order

High, wide and handsome! They'll look good anywhere you like to put them, these sturdy Halex dispensers. Better make sure they're within the customer's reach, if you want to catch all the impulse sales!



### A.638. Combined toothbrush and comb unit

- 1 doz. child's toothbrushes
- 1 doz. multi-tuft toothbrushes
- 1 doz. longhead nylon toothbrushes
- 1 doz. longhead bristle toothbrushes
- 1 doz. shorthair nylon toothbrushes
- 1 doz. shorthair bristle toothbrushes
- 2 doz. Imprene pocket combs
- 2 doz. Imprene gents' or bag combs
- 1 doz. Imprene dressing combs
- 1 doz. Imprene ladies' dressing combs

TRADE PRICE £6.10.3.  
INC. P.T. ON COMBS.

### A.636. Toothbrush dispenser

No dust-traps! Stays clear and bright like the rest of your shop.

- 1 DOZEN—  
SHORTHREAD NYLON
- 1 DOZEN—  
LONGHEAD NYLON
- 1 DOZEN—  
MULTI-TUFT NYLON

TRADE PRICE £2.4.0.

### A.637. Toothbrush dispenser

Really well balanced—won't blow over every time the door opens!

- 2 DOZEN—  
SHORTHREAD BRISTLE
- 1 DOZEN—  
LONGHEAD BRISTLE

TRADE PRICE £3.0.0.



## Special display bonus

You just can't lose! You'll want to show your stock of Halex toothbrushes in handsome dispensers—and that's all you have to do to qualify for these generous bonus terms!

- ORDER 4 DISPENSERS (A.636 or A.637) or 2 DISPENSERS (A.638)  
you get 3-dozen brushes completely free (15 to the dozen)
- ORDER 2 DISPENSERS (A.636 or A.637) or 1 DISPENSER (A.638)  
you get 1-dozen brushes completely free (14 to the dozen)
- ORDER 1 DISPENSER (A.636 or A.637)  
you get 3 brushes completely free (13 to the dozen)

OFFER CLOSES JUNE 30th 1958

**THE  
NEW  
HALEX**

Retailing at 1 9d. in nylon, 2 6d. in bristle. Choice of long or short head, hard or medium/hard tufts. Four colours. Also, the Halex Multi-tuft, a soft nylon brush retailing at 2'-d. Individually priced and packed.

**Your usual supplier is ready to deliver your bonus order with free counter service units NOW!**





# MORNY

now appearing

## ON TELEVISION

Starting on May 5th, MORNY is launching its first Television campaign with a lavishly produced 15-second commercial that will give even greater impact to its attractive range of flower fragrant soaps. This campaign will continue with showings two and three times every week on the London Transmitter throughout May and June.



Make sure that your stocks of these popular Morny soaps will enable you to take full advantage of the greatly increased demand there will be for  
FRENCH FERN • JUNE ROSES  
PINK LILAC • GARDENIA  
LILY OF THE VALLEY

*Morny*  
OF REGENT ST. LONDON



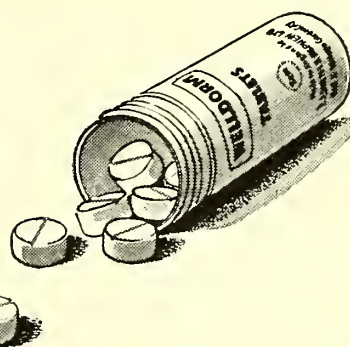


**A new molecular complex of**

# chloral hydrate in tablet form

At last the problems of taste, odour and gastric upset associated with chloral hydrate have been overcome.

WELLDORM (dichloralphenazone) is a palatable *tablet* form of a new molecular complex of chloral hydrate that will induce safe, physiological sleep. Those whose only wish is to "get off" to sleep and wake up without any hangover effects will find WELLDORM preferable to barbiturates.



## Welldorm

**TABLETS**

**SAFE • PALATABLE • RELIABLE**

**Availability:** 10gr. scored tablets in containers of 25 and 250. Prescribable on Form E.C.10

PRICE:	Trade	Retail
25 container	2/6	3/9
250 container	20/-	30/-
Exempt Purchase Tax		

*Literature and samples from:*



**SMITH & NEPHEW PHARMACEUTICALS LTD.**  
WELWYN GARDEN CITY • HERTS.



# DISTAVAL

TRADE MARK

 $\alpha$ -phthalimidoglutarimide

(thalidomide)

## safe sedation and sounder sleep

# DISTAVAL

FORTE

DC(B)L

**DISTAVAL**

Scored tablets of 25 mg.	Trade Price	Purchase Tax	Retail Price
Tube of 24	2s. 6d.	9d.	4s. 6d.
Bottle of 100	8s. 4d.	2s. 6d.	15s. 0d.
Bottle of 500	40s. 0d.	12s. 0d.	72s. 0d.

**DISTAVAL  
Forte**

Scored tablets of 100 mg.	Trade Price	Purchase Tax	Retail Price
Tube of 12	3s. 8d.	1s. 1½d.	6s. 7½d.
Bottle of 100	22s. 4d.	6s. 8½d.	40s. 2½d.

- An entirely new *non-barbiturate* sedative and hypnotic
- No known toxicity and free from untoward side-effects
- Tasteless
- Calms without euphoria or initial excitement
- Particularly suitable for children and the aged

**DOSAGE****FOR SEDATION:**

Adults: One 25 mg. tablet 2 or 3 times a day

Infants and Children: Half to one 25 mg. tablet, according to age,  
1 to 3 times a day**AS A HYPNOTIC:**

One 100 mg. tablet 20 minutes before retiring

**THE DISTILLERS COMPANY (Biochemicals) LIMITED**

BROADWAY HOUSE, THE BROADWAY, WIMBLEDON, LONDON S.W.19

Telephone: Liberty 6600

Owners of the trademark DISTAVAL

EPH 3/58



IF YOU ARE LOOKING FOR A TABLET MANUFACTURER TO HANDLE YOUR PRODUCT  
BE IT LARGE OR SMALL, IN THOUSANDS OR MILLIONS, WHY NOT

CONTACT ONE OF THE FOREMOST MAKERS WHO HAVE TAKEN PRIDE IN

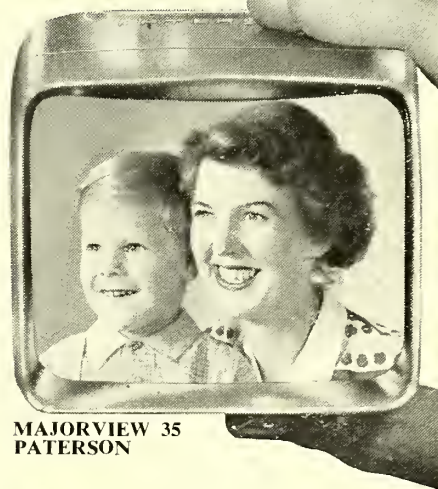
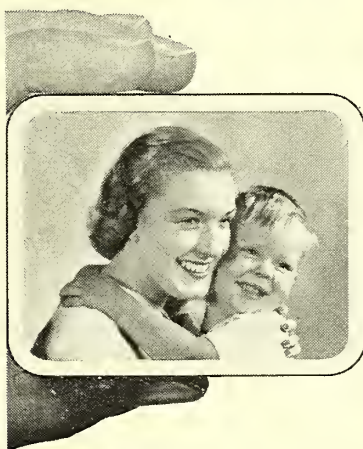
MANUFACTURING TABLETS & PILLS FOR MANY YEARS

**RICHARD DANIEL & SON, LTD. DERBY**

Write us at Mansfield Road or ring Derby 40671 (Eight lines)

## THE PATERSON MAJORVIEW 35 gives THE BIGGEST MAGNIFICATION OF ALL

PUT A  
MAJORVIEW  
ON YOUR  
COUNTER  
AND LET  
YOUR  
CUSTOMERS



MAJORVIEW 35  
PATERSON

## PROVE IT BY THE TWO-HAND TEST

Write now for the  
HUNTER 1958 PHOTOGRAPHIC  
CATALOGUE (ready mid-May).  
Contains many profitable lines for  
Photo Chemists.

Have some slides, too, on your counter, your customers can then VIEW THE SLIDES SIDE BY SIDE AND COMPARE THE PICTURE SIZES. The Majorview's bigger lenses cover both horizontal and upright pictures without awkward turning sideways. The Paterson Majorview 35 takes all 2 x 2 slides including Kodak Bantam and the new 4 x 4 cm. size (i.e. Rollei Super Slides). It sells (ex batteries) at

**59/6**

Manufacturers and World Distributors: R. F. HUNTER LTD., 51-53, Grays Inn Road, London, W.C.1.

# Hanimex Window Display Competition

**SHOW** **argus** **IN YOUR**  
**WINDOW AND WIN 5 DAYS AT**  
**PHOTOKINA, COLOGNE—FREE!**

## *What you must do:—*

Set out your window display to feature Argus products. Photograph the display and send a print with your name and address to Hanimex. Entry into this popular competition is as easy as that. And the prize is 5 days in Cologne at the Photokina in September, fares, bookings and hotel expenses paid.

Independent adjudicators will be selecting the winner and they will be looking for skill of presentation — not necessarily the biggest display.

The closing date for this competition is May 15th and acknowledgment will be made of every entry received up to and including that date.

Hanimex reserve the right to publish any photographs of window displays submitted to them.

*Think of it! 5 days in Cologne  
with all fares and hotel bills paid!*

## **HANIMEX (U.K.) LIMITED**

345, CITY ROAD, LONDON, E.C.1.

TELEPHONE: TERMINUS 7424



**98%**

**PURE GLUCOSE**

**sells itself  
and your  
fruit drinks  
too!**

**GLUCODIN**

Trade Mark

More and more do-it-yourself customers are making their own energy drinks—inexpensively—with GlucoDin and fruit squashes. By encouraging them, you help yourself—to a double sale!

*too full of energy  
to rest on your shelf*

*In 1-lb containers*

GLAXO LABORATORIES LTD., GREENFORD, MIDDLESEX. BYRON 3434

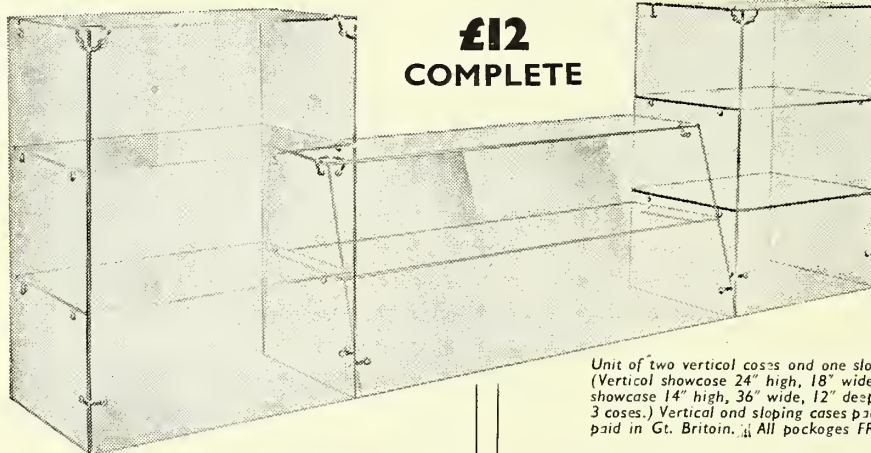
Glucodin is available in most countries.

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### POST BUDGET PRICES OF 4711 TOSCA PRODUCTS ARE

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Cologne: 5 9 10 - 17 -

Solid Cologne: 5 9

Talc: 4 -

Bath Cubes: 4 -



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**STOCK THE Polly HOLDER TOO!**

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## NOW TO BE LAUNCHED NATIONALLY

### T.V.

12 million viewers will see the Polly Roll over and over again. 15 and 30 second commercials also advertising programmes presented by famous personalities.

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Retail price at 1 6 each.....18 - per doz.

**PLUS one FREE roll per dozen  
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THAT'S 6/- PROFIT A DOZEN  
Polly Holder**

Trade price.....3/41 each  
Retail price.....4 6 each (inc. purchase tax)

**Bonus** 3 wire dispensers FREE in every case of Polly Kitchen Rolls.

NEWTON CHAMBERS AND COMPANY LIMITED, THORNCLIFFE, SHEFFIELD



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Home and Export.

Quantities labelled with  
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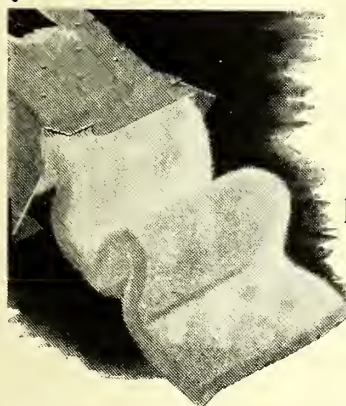
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### Cotton Wools

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*\*Only as much as is  
needed is pulled out  
at a time!*

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dressing table.

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# THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

The weekly newspaper for pharmacy and  
all sections of the drug, pharmaceutical and  
fine chemical, cosmetic, and allied industries

*Official organ of the Pharmaceutical Society of Ireland  
and the Pharmaceutical Society of Northern Ireland*

Volume 169

May 3, 1958

No. 4080

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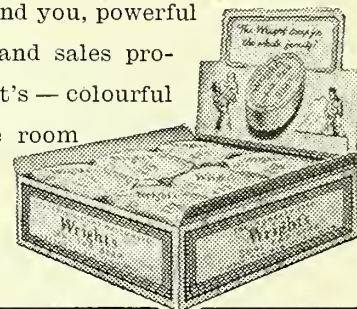
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THE  
GOLDEN TABLET  
IN BATH  
AND TOILET  
SIZES

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Cash in on a record year. More Wright's coal tar soap is now being sold than at any time in fifty years solid selling!



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FOR

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# The CHEMIST AND DRUGGIST

Volume 169

MAY 3, 1958

No. 4080

## Supply of Polio Vaccine

### PARLIAMENT, PRESS AND T.V. DISCUSSIONS

PARLIAMENT, Press and television have discussed the supply of poliomyelitis vaccine during the past few days.

In Parliament, on April 28, Mr. Derek Walker-Smith answered a series of questions (see p. 472) and promised further information in the debate which was due to take place in the House on May 1. Meanwhile a new consignment of Canadian Salk vaccine arrived at Manchester on April 29 from Toronto. Collected and stored in a special cold room at their Speke headquarters, Evans Medical Supplies, Ltd., are distributing it throughout the country under the direction of the Ministry of Health. *The Times* of April 23 commented on the April 22 statement of the Ministry of Health dealing with the supply of polio vaccine as misleading in its reference to "unexpected" delays. "The brutal truth—of which the Minister must have been warned by his expert advisers—is that no delay in the production of poliomyelitis vaccine is 'unexpected.' The process of production is so complicated, when used on the scale necessary to meet current world demands, that a hitch may occur at any stage. What makes such a hitch so serious is that it usually involves the discarding of a large batch of vaccine. No manufacturer—in this country, Canada, or the United States—can guarantee the supply of a given amount of vaccine by a given date. All that he can promise is that, if all goes well, batches should be forthcoming by a certain date. Where the Ministry has effectively misled the country is in not making this absolutely clear. To have raised the hopes of parents in a matter such as this is unpardonable."

Facing ATV cameras on April 28, Dr. Dennis E. Wheeler (managing director, Wellcome Foundation, Ltd.), answered questions on the current output of anti-polio vaccine. He explained that 4 million doses per annum had been the production target by the Wellcome Foundation of a specially designed plant which had taken sixteen months to build. Output was rapidly approaching that figure which was necessarily a compromise between the amount to be invested and the commercial considerations, the continuing likely demand for the vaccine and the time factor for getting into production. Asked if reports of a serious hold up in production were true, Dr. Wheeler said that there was confusion between a hold up in production and delays in testing which the Wellcome Foundation had recently ex-

perienced. There had been an outbreak of infection in the monkeys used for tests and until that was stamped out tests which themselves took six weeks to complete, could not be re-started. Fortunately the situation was now easier. Regarding the differences in testing procedures Dr. Wheeler explained that the British method was designed to minimise the consequences if live virus penetrated the safeguards against it reaching material for use.

### Pricing Anomalies

#### "HONOUR AGREEMENTS" DECISION

AGREEMENTS with chemist contractors should be honoured whether under-payment or over-payment was the result of the existing "unsatisfactory system of payment on an average basis," London Executive Council decided at a meeting on April 24. They were considering suggestions from the Ministry of Health that the Council should consider making adjustments for sums of £15, £45 and £86 which full pricing revealed chemists had been over- or under-paid. Such anomalies, the Council commented, would be removed were full pricing, as desired by the Executive Council's Association, the Joint

Pricing Committee for England and other Executive Councils, to be restored. It was decided to suspend action on the suggestions received from the Ministry.

### The Royal Society

#### FOREIGN MEMBERS ELECTED

THE following were elected Foreign Members of the Royal Society at a meeting on April 24: Andre Lwoff (Paris), distinguished for his work on the morphology and nutritional requirements of protozoa, and for his researches on lysogenic bacteria and bacteriophage; Nikolai Semenov (Moscow), distinguished for his work in chemical kinetics, especially for his pioneer work on chain reactions; George Gaylor Simpson (New York), distinguished for his contributions to Palaeontology and evolution; Arthur Stoll (Basle), distinguished for his work on the chemistry of natural products. Professor Stoll is renowned for his work on digitalis and plant alkaloids.

### NPU Officers

#### ELECTED AT EXECUTIVE MEETING

THE following officers of the National Pharmaceutical Union were elected for 1958-59 at a meeting of the Executive held in London on April 23: *Chairman*, Mr. Harold G. Moss; *Vice-chairman*, Mr. Griffith T. M. David; *Treasurer*, Mr. Sidney J. Stearn. Mr. P. D. J. Spaanderman (retiring chairman) was presented with a past-chairman's jewel at an informal dinner given in his honour by the members of the Executive on April 22.



**PUBLIC PHARMACISTS MEET:** A get-together for an informal chat at the district meeting of the north-west region of the Guild of Public Pharmacists held at Manchester Royal Infirmary on April 19 (see p. 472).



## Consumer Research

### MORE ABOUT ASPIRINS

THE third edition of *Which?* (quarterly official journal of the Association for Consumer Research, Ltd.), contains the results of analyses carried out on three branded compound aspirins (Anadin, Phensic and Veganin) and one soluble compound aspirin (Codis). The prices of the four branded products are compared with the prices of equivalent quantities of similar unbranded preparations. Preceding the report on the analyses is a note "by a doctor" on the use of compound aspirins. A similar breakdown of Sanatogen and Casilan compared with casein glycerophosphate B.P.C. 1949, is also given, together with an assessment of protein foods. The conclusion given by *Which?* is that Casilan (at 9s. per lb.) is the best value for money; second is casein glycerophosphate (about 11s. 4d. per lb.) with Sanatogen (30s. per lb.) last. "Our conclusion . . . is that all have much the same effect and the best value for money is therefore the cheapest." A detailed breakdown is also given on a number of orange drinks although no definite conclusions are given as to value for money. The Association recommends its members not to buy any of the night-driving glasses at present on the market and adds that the best ways to reduce glare are to keep one's windscreen clean; headlamps in good condition and correctly aimed; and to concentrate on the left-hand side of the road. The latest edition of *Shopper's Guide* (quarterly journal of the consumer advisory council of the British Standards Institution) carries a similar article to that of the Association's in which certain branded preparations are compared with B.P. or B.P.C. equivalents. It is promised that "future issues will report on common medicaments like vitamin pills and tonics (not drugs needing a prescription)."

## A Suffolk Rota Service

### ARRANGEMENTS "ADEQUATE"

EXISTING arrangements for a late dispensing service at Bury St. Edmunds, Suffolk, were adequate, it was decided at a meeting of West Suffolk Executive Council on April 14. The hours of service committee reported that although invited to do so, the borough council, which had raised the matter in October 1957 had been unable to furnish any actual instances of hardship to patients. In fact, not a single complaint about the dispensing service had been received from a resident of Bury since the inception of the National Health Service in 1948. The committee had considered letters written by the town clerk conveying the opinion of the borough council that closing at 7 p.m. of chemists' shops on a rota duty was causing hardship to patients, particularly to old people. The council asked that two chemists might remain open until 8 p.m. each evening. The committee agreed that it was unreasonable to expect chemists to provide an evening rota service for more than one hour after closing time because that was a statutory period and no payment beyond 7s. for the one hour was permissible.

## SCOTTISH NEWS

### Glasgow Executive

#### DOCTOR'S APPOINTMENT OPPOSED

DEPUTY chairman of the Glasgow Executive Council, Dr. James R. Langmuir, was recently appointed chairman in succession to Mr. R. S. Stark Brown, who retired after six years in office. There was opposition to Dr. Langmuir's appointment from some of the lay members, led by Mr. William M. Brown and Mr. John H. Strathie, who suggested that the chairman should be an administrative member of the Council and not representative of a sectional interest. Dr. Kate Harrower described the suggestion as rather insulting to Dr. Langmuir. She felt it would become difficult to get any doctor to accept office as vice-chairman if he was never to be honoured as chairman. There were many executive councils throughout Britain which had a medical person as chairman. On a ballot vote Dr. Langmuir was declared elected by a majority.

### Saving on N.H.S.

#### FORMER LANARK CHAIRMAN HONOURED

IF the National Health Service had been brought in in stages, as suggested by the insurance committees, it would have been better for the professions concerned and would have saved a great deal of unnecessary expense, Sir William Marshall (former chairman, Lanark Executive Council) said at a dinner held in his honour in Glasgow on April 25. He estimated that to wipe out the health service charges, even if there was no increase in demand, would involve an increased cost to the country of £20 millions a year. Already the scheme, at the end of the ten years it had been in operation was costing three times what it was intended it should cost, and it seemed that expenditure had not reached its limit. The method by which the service was introduced was also referred to by Mr. Thomas Hunter (chairman, Renfrew Executive Council and vice-president of the Scottish Association of Executive Councils). He said that if the insurance scheme had gradually been extended to include wives and dependants of insured persons, it would have been a better course than bringing everyone into the National Health Service. Mr. Hunter proposed the toast to Sir William Marshall. Colonel R. S. Weir succeeds Sir William as chairman of Lanark Executive Council.

## IRISH NEWS

### THE REPUBLIC

### Dublin I.D.A. Group?

#### COMMITTEE TO INVESTIGATE PROPOSAL

A SPECIAL meeting of Dublin and district members of the Irish Drug Association was held recently in Dublin to consider the proposed formation of a local association or associations for the Dublin area. It was decided to form a steering committee to examine the problem and suggest a scheme, and to report back to a further meeting. The

committee comprises: Messrs. J. P. McCaul; M. Kissane; W. Gardiner; D. F. O'Hare; P. F. McNamara; H. Cole; J. P. Burke; A. G. Allshire; C. McGarry; W. J. Gill; D. Costello, M. J. Fogarty; J. K. O'Shaughnessy; D. O'Sullivan; J. A. McGann; D. O'Dea; P. Crowley; P. J. O'Brien; J. Maguire and Mrs. A. Hall.

## Examination Results

### SUCCESSFUL CANDIDATES FOR PART II

THIRTY-SIX candidates sat for Part II of the licence examination of the Pharmaceutical Society of Ireland, and the following were successful: W. D. Barry; Norah M. P. Brosnan; H. T. Clarke; Mella M. M. Cusack; Mary P. Drury; Cecilia Healy; T. A. McLoughlin; N. P. J. MacManus; M. O'Connor; Bernadette O'Donnell; P. F. X. O'Hara; Anna W. O'Reilly; J. A. Regan; P. P. A. Smith; Catherine H. M. Tobin; G. A. Walshe; Mary A. Whelan; Ellen A. Fraher and Nellie de R. B. McNeaney.

## Amending Pharmacy Acts

### A QUESTION IN THE DAIL

IN the Dail on April 24 Dr. Noel Browne asked the Minister for Health "if he intends to introduce legislation to amend the Pharmacy Acts, and if so, when?" Mr. Sean McEntee (Minister for Health) replied: "Proposals for legislation to amend the Pharmacy Acts are at present under consideration in my Department. I cannot at present state when such legislation may be introduced."

## THE NORTH

### Chemists and Druggists

#### SOCIETY'S ANNUAL MEETING

FOR the thirty-ninth year in succession Mr. T. F. Storey, C.B.E., was elected *President* of the Chemists' and Druggists' Society of Ireland at the annual meeting held in Belfast recently. The resolution was moved by Mr. H. McQuitty and seconded by Mr. T. McDowell. Other officers elected were: *Vice-presidents*, Messrs. F. E. Smith and T. McDowell; *Treasurer*, Mr. D. McBride; *Secretary*, Mr. H. McQuitty. The committee were re-elected *en bloc* on the motion of Mr. R. McCann, seconded by Mr. D. McBride. Mr. H. McQuitty (secretary) presented the annual report, and Mr. D. McBride (treasurer) the financial statement. Mr. Storey referred with regret to the deaths of Mr. F. J. Boyle and Mr. G. B. Busby. He paid tribute to the work of the secretary and treasurer, and thanked Mr. McBride and the committee responsible for the excellent arrangements made for the dinner given in honour of him and Mr. H. McQuitty in February. He was pleased to say that he was still a member of the committee in connection with the Northern Ireland Chemists' Benevolent Fund and he thought excellent work was being done by the fund in helping those in need. Over £490 had been paid out in grants this year. The annual outing was being arranged to take place in June to Newcastle, county Down.



## NEWS IN BRIEF

THIEVES who broke into the pharmacy of Mr. J. E. Michaelson, F.P.S., 34 Angel Lane, Stratford, E.15, on April 25, escaped with several expensive cameras and two electric razors, as well as other goods.

THE Blandfield chemical works of T. & H. Smith, Ltd., Edinburgh, was among the plant visited on April 17 by members of the Royal Institute of Chemistry who were attending the institute's annual conference which was held in the city.

THE Therapeutic Substances (Supply of Streptomycin and Oxytetracycline for Horticultural Purposes) Regulations, 1958, which came into operation on April 17, free from the restrictions imposed by subsection (1) of section 9 of the Therapeutic Substances Act, 1956, on the sale and supply of substances to which Part II of that Act applies and of preparations containing such substances, the sale or supply, in accordance with the conditions specified in the regulations, of preparations containing streptomycin or oxytetracycline for horticultural purposes (S.I. 1958, No. 614).

## IRISH BREVITIES

### THE REPUBLIC

SMASH-AND-GRAB thieves stole two electric razors and a camera from the pharmacy of Mr. C. L. Spollen, M.P.S.I., 13 Grattan Crescent, Inchicore, Dublin, on April 21.

In the recent "Irish week" competitions organised by the National Agricultural and Industrial Development Association in Dublin, first prize for the best window-display in the Camden Street area was awarded to the pharmacy of Mr. P. A. Brady, T.D. (a member of the Council of the Pharmaceutical Society of Ireland).

## SPORT

**Golf.**—ULSTER CHEMISTS' GOLFING ASSOCIATION, at Lisburn golf club, on April 23. *Apothecaries' cup competition*, wholesalers (captain, J. Lynas) defeated the retail team (captain, R. Foye). The following were elected *Captains* for 1959:—wholesalers, R. Robinson; retailers, J. McIlvogue.

MANCHESTER AND DISTRICT PHARMACEUTICAL GOLFING SOCIETY were guests of E. Griffiths Hughes, Ltd., Salford, Manchester 3 at Shaw Hill Golf Club, on April 16. Mr. E. M. McIntosh was successful in winning their golf prize with a score of 32 points after tying with Mr. T. Williams, E. Rothwell, and H. Roberts.

SOUTH LONDON and SURREY PHARMACEUTICAL SOCIETY held their first Sunday meeting of the season at West Surrey Golf Club on April 27 which was attended by twenty-three members and friends. *G. G. Watt tankard*: 1, F. Jamieson, Shirley Park; 2, M. Lewis, Shirley Park. *Visitors' prize*: 1, P. Stewart, Purley Downs; 2, G. Palmer, Coulsdon Court.

**Motor Rally.**—ROMFORD BRANCH, PHARMACEUTICAL SOCIETY, held the last social event of the present session on April 20—a spring car rally. About fifty members and friends participated in the event which started at Navestock Heath, the route covering approximately seventy miles. First prize was won by Mr. A. J. Sinclair, a Branch member, and second place to Mr. G. Wombwell. Any pharmacist interested in joining the autumn rally, to be held in late September or early October, is invited to give his name and address to the social secretary, Mr. W. G. Catchpole, 4 Burses Way, Hutton, Brentwood, Essex, who will send details later in the year.

# TOPICAL REFLECTIONS

By Xrayser

## Branch Outing

The Romford branch of the Pharmaceutical Society have been having a riotous time (p. 454). Excursions were arranged for the purpose of visiting a gasworks and a local brewery. In the former, visitors were shown the production of pitch phenol, ammonia, sulphuric acid and naphthalene, and it is recorded that on both visits members enjoyed excellent refreshments provided by their hosts. Presumably the more temperate members chose the brewery, for it takes a strong stomach and a good head to carry pitch phenol and sulphuric acid.

## Testing of Prescriptions

There was strong criticism of the test prescription at a dinner held in Leeds recently (p. 454). Most pharmacists feel that there is something degrading in the taking of sample prescriptions for analysis under the National Health Service scheme, and it was gratifying to learn that a barrister-at-law and a prominent member of the medical profession should have spoken so strongly against the present system. It may fairly be argued that the pharmacist has a certificate which indicates that he has satisfied his examiners in a stringent test of his capabilities in pharmaceuticals. For the other side, it may seem to be just that there should be some means of ensuring that value is received for large sums of public money. It would seem that some form of testing, with adequate safeguards, is not unreasonable, and I am favourably impressed by the suggestion made by the barrister, Councillor H. Drake, that derelictions of duty, or breach of terms of service, should be dealt with within our own professional bodies. I note on another page that the Ministry of Health is unwilling to give a copy of the analyst's certificate to the contractor concerned in every test, but the Clerk to the Dorset Executive Council thought that a compromise might be possible so that those who had an error of between five and ten per cent. might get one. Does the Ministry imagine that a certificate of complete accuracy would necessarily be shown in the window? That would seem to be implied.

## Chaotic Scramble

The thoughtful article entitled "Controlled Substitution" by L. Hadfield (p. 458) will be sympathetically read by chemist contractors all over the country, for the problem of redundant proprietary medicines is a perfect illustration of the metaphorical snowball, and your contributor aptly describes the situation as a chaotic scramble. Every pharmacist has to face the same difficulties, and there are days when, large as the stock appears to be, one feels thoroughly incompetent as a buyer, for on those days the doctors soar to new flights of fancy, and relays of runners are passing in haste between the pharmacy and the wholesale supplier. When the reason for the journey is to procure "another version of the same," the irritation and frustration are profound. At the moment, the struggle in regard to phenoxy-methyl penicillin, in all its myriad forms and strengths, has reached heights that can only be described as ludicrous and undignified. The practice of branding and permitting a "free-for-all" is wasteful and expensive. The situation whereby innumerable medical representatives are pursuing each other extolling the virtues of the same product, is fantastic. It seems extremely unlikely that approval will be forthcoming for the suggestion of controlled substitution put forward by Mr. Hadfield much as the contractor would like to see it, for while there is keen competition between manufacturers to sell their own brands, any suggestion of substitution, controlled or otherwise, would be resisted by an alliance of the present contestants. Yet it is not many years since, during wartime shortage of potassium salts, we were permitted to replace the potassium with sodium, unless the prescriber endorsed the prescription "N.A." which meant "no alternative." The same letters still have official approval in regard to alcohol in Clause 14 of the Drug Tariff. The list suggested by your contributor might be possible with the addition of N.A. if the prescriber was adamant.



## IN PARLIAMENT

BY A MEMBER OF THE PRESS GALLERY, HOUSE OF COMMONS

THE question as to the need to duplicate tests on imported American Salk vaccine merited consideration, Mr. DEREK WALKER-SMITH told the House of Commons on April 28. The American record had been increasingly reassuring over recent years. Answering Mr. G. R. CHETWYND he said Salk vaccine was tested by the manufacturers for safety, potency and sterility in the country of origin.

DR. EDITH SUMMERSKILL said the numbers eligible for inoculation were 10 million and 50 per cent. of those had registered. That meant there would be 10 million inoculations if they were all to have two inoculations. Could the Minister say whether before June, when poliomyelitis reared its very ugly head those who had already registered would have had two inoculations?

MR. WALKER-SMITH said he hoped that might be the case, but as he had explained, there were a good many unpredictable factors that had to be taken into account. He hoped on May 1 to give in greater detail his expectations for the future and the basis on which they rested.

### Work Study in Health Service

Calling attention to the need for work study in the health service on April 28 Mr. E. PARTRIDGE moved "that substantial savings could be achieved in the hospital service by greater application of modern techniques of organisation and methods of study." He said that at Westminster Hospital they had carried out a number of investigations and in one department the staff was reduced from five to three and overtime cut out. In finance there was a non-recurring saving of £600 and an annual saving of between £1,000 and £1,500. At a Liverpool hospital the result of a number of experiments was a saving of £40,000. Two of the investigations carried out were the results of requests for additional staff.

MR. RICHARD THOMPSON (Parliamentary Secretary, Ministry of Health) said that up to December, 1957, the experimental unit in organisation and methods had completed seventy-eight assignments and a further twenty-eight were in hand or awaiting their turn.

### Drugs for Private Patients

COLONEL W. H. BROMLEY-DAVENPORT asked the Minister of Health on April 28 whether he was yet in a position to state the result of his department discussions with the British Medical Association about the provision to all private patients free of charge, other than the prescription list, of a selected list of drugs.

MR. DEREK WALKER-SMITH said that the discussions, which related to the supply of all necessary drugs and not to a selected list, were of a purely exploratory nature and were still in progress.

### Sclerosis Vaccine

DR. D. JOHNSON on April 28 asked the Minister of Health whether he would consult the Medical Research Council with a view to obtaining a sup-

ply of the Russian vaccine for multiple sclerosis for the purpose of conducting in Britain suitable tests of the efficacy of the vaccine.

MR. DEREK WALKER-SMITH (Minister of Health) said that no final decision could be taken about the use of the vaccine until information about it was received from the Soviet Union. In the meantime, in view of the evidence available from laboratory investigations carried out in the U.K. and in America which threw doubt upon both its safety and effectiveness, the Medical Research Council did not propose to undertake clinical trials.

### Chemists' Lines and Purchase Tax

MRS. JEAN MANN, on April 24, asked the President of the Board of Trade what steps he would take to ensure that reductions in price of commodities due to purchase tax exemptions would not be offset at a later date by retail price increases over the same commodities.

SIR D. ECCLES said that purchase tax was only one element in prices. He could not ensure that reductions in tax would be exactly reflected in the price but he hoped that generally that would be the case. Competition was a powerful agent to that end.

MRS. MANN said that there was no competition in fixed prices and monopolies. She had evidence that the prices of woollen goods, photographic materials, ladies' hats and cosmetics had been increased.

SIR D. ECCLES said that he could not accept the contention that there was no competition. According to his information, very many price reductions had been made.

MRS. H. SLATER asked the President of the Board of Trade if he was aware that the prices of certain shampoos, hair creams, etc., had not been reduced to the consumer to comply with the reductions in purchase tax and if he would take steps to ensure that appropriate reductions were made in future.

SIR D. ECCLES said that where tax reductions had been made, he would expect prices to come down when shopkeepers had sold their tax-paid stocks if not before. He understood that the rate of purchase tax on shampoos was unchanged.

MRS. H. SLATER said that on April 16 one large group manufacturing those commodities sent out a circular to chemists saying that it was enclosing reduced prices. What, in fact, it had done was not to give the consumer the benefit of the reduction in purchase tax, but to increase the cost price to make up for it.

MR. D. M. KEEGAN asked the Chancellor of the Exchequer what provision he intended to make for the refunding of purchase tax to retailers who had been obliged to sell commodities subject to the new rate of tax after having paid purchase tax at the rate operative immediately before the Budget.

MR. J. E. S. SIMON (Financial Secretary) said that the Government accepted in 1953 the recommendations of the Hutton Committee that no compensation should be paid in those circumstances.

## BRANCH EVENTS

### MANCHESTER

#### Aspects of Tablet Making

THE Manchester branch of the Guild of Public Pharmacists organised a district meeting between Manchester, Liverpool and the North-east Lancs branches at Manchester Royal Infirmary on April 19. Mr. H. Burlinson addressed the meeting on "Some Aspects of Tablet Making" after which the party was shown round the Royal Infirmary and the new addition to the pharmaceutical department at St. Mary's Hospital by Messrs. J. B. Lloyd and G. F. Shepley.

### PLYMOUTH

#### The Society's Publications

AT the March meeting of the Plymouth Branch of the Pharmaceutical Society Mr. W. K. Fitch (publications manager, Pharmaceutical Society) gave a talk on the Society's publications. Mr. L. T. Warn presided. Mr. Fitch said that the three committees primarily concerned were the Publications Committee, the Codex Revision Committee and the Joint Formulary Committee. The total staff was about sixty, including a number of pharmacists. As an indication of the size of the Department, Mr. Fitch referred to the amount of paper used in printing the Society's publications; the Society's journal required about five tons a week, a new Codex or a new Extra Pharmacopoeia over forty tons. Mr. Fitch asked the meeting what were the minimum number of reference books that should be available in the pharmacy or the pharmaceutical department of the hospital and if an annual subscription of £3-£4 for official publications would be a good idea instead of paying out a fairly large sum for each book. Mr. A. G. M. MADGE said that he thought the idea of a yearly subscription was excellent.

### BRIGHTON

#### Doctors in Dispensary

A SUGGESTION that it might be a good idea if doctors, despite their long medical training curriculum, spent two or three weeks in a pharmacist's dispensary, and vice-versa in respect of the young chemists, was put forward by Mr. J. F. C. LLOYD WILLIAMSON (chairman of the Brighton, Hove and Mid-Sussex Branch of the British Medical Association) at the annual dinner of Brighton and Hove Branch of the Pharmaceutical Society and Association of Pharmacy on April 16. Mr. D. W. HUDSON (president, Pharmaceutical Society) stressed the need for proper training facilities for pharmacists in all parts of the world. Mr. J. C. PARKINSON (chairman) who proposed the toast to the Pharmaceutical Society, asked the older members to welcome the new generation of pharmacists to their ranks. He pointed out that they should be tolerant towards them, and take into consideration that they were probably doing their first practical work since graduation. Mr. P. E. STEDMAN (president, Brighton and Hove Association of Pharmacy) spoke of the high cost of research and urged Government help.







## COMPANY NEWS

Previous year's figures in parentheses

**THURGAR BOLLE (SUCCESSORS), LTD.**—Dividend for 1957 is 12½ per cent. Profits £60,418 (£44,109).

**THE UPJOHN CO.**, Kalamazoo, U.S.A., have formed a Colombian subsidiary—Upjohn de Colombia, Limitada, with Mr. Alan Brannan as manager.

**JOHN DALE, LTD.**—Mr. Robert Carr, M.P., has accepted an invitation to become chairman of their group of companies.

**HOWARD & SONS, LTD.**—Group trading profit for 1957 is £101,610 (£84,117). Net profit £51,214 (£47,449) and Ordinary dividend 4 per cent. (same), as reported April 26 (p. 448). Net current assets £712,666 (£618,674). Commitments £21,500 (£23,000).

**MONSANTO CHEMICALS, LTD.**—The company has made an agreement with R. H. Cole & Co., Ltd., under which Monsanto acquire, as an investment, 50 per cent. of the ordinary share capital of R. H. Cole & Co., Ltd. R. H. Cole & Co., Ltd., will remain as a separate entity under its own board of directors, with Mr. R. Hugh Cole and Mr. Peter H. Cole continuing as joint managing directors.

**JOHN DALE, LTD.**—For 1957 the final dividend is recommended to be 15 per cent. on the capital increased to £375,000 by an issue of shares for cash. An interim dividend of 10 per cent. has already been paid on smaller capital. For 1956 the total was 22½ per cent. on the smaller capital. Group trading profits amounted to £428,861 (£374,277) and net profits to £133,772 (£112,561) after all charges.

**GILLETTE INDUSTRIES, LTD.**—Brigadier T. Carleton Harrison, C.B.E., has been appointed chairman to succeed Sir Ernest Cooper. He will at the same time retain his present position as managing director of the company. Sir Ernest Cooper will remain a director. Mr. Willis C. Cooper has been appointed deputy-chairman and Mr. Cecil Abderhalden (formerly managing director of Gillette, Germany, and latterly area supervisor Germany, France, Switzerland and Italy) was elected to the board and will act as deputy managing director.

**EVANS MEDICAL SUPPLIES, LTD.**—The statement by the chairman (Mr. Ian Fergusson) circulated with the accounts for 1957 mentions that the value of the group's sales was substantially greater than in any previous year. A marked increase in productive efficiency more than offset the higher wages, salaries and other expenses so that in spite of more competitive conditions the profit margin earned was virtually unchanged, and the larger turnover brought its full reward in higher net profits, all divisions contributing to the increase in sales. In anticipation that certain raw material prices might fall, and to strengthen the group's net cash resources, it was decided early in 1957 to reduce stock levels to £1,205,793 (£1,392,766). Work is well advanced on new research laboratories which should enable the company to undertake a considerably expanded research programme. On the current year to date

Mr. Fergusson reports further satisfactory progress. An illustrated brochure for stockholders on the Burma Pharmaceutical Industry is also circulated. (For accounts see C. & D., April 12, p. 388.)

## BUSINESS CHANGES

**MR. L. HURST, M.P.S.**, has acquired the pharmacy of T. S. Stonier, Ltd., 10 Railway Street, North Shields.

**WARD CASSON, LTD.**, is the new title adopted by Ward, Cassenne, Ltd., Berkeley House, 15 Hay Hill, London, W.1.

**MATTHEWS & WILSON, LTD.**, are removing to 45 Morrish Road, London, S.W.2 (telephone: Tulse Hill 5881) on May 5.

**MR. IVOR G. ROBERTS, M.P.S.**, has acquired the pharmacy of L. Hurst (Chemists), Ltd., 95 Hartforde Road, Boreham Wood, Herts.

## Appointments

**G. D. SEARLE & CO., LTD.**, Lane End Road, High Wycombe, Bucks, have appointed the following medical representatives: Messrs. P. S. Brown (for East Yorkshire and the Tees Basin), J. P. McKillen (S.W. Scotland (excluding Glasgow)), V. Read (Hampshire, Dorset and Wiltshire) and K. M. R. Russ (Bristol, Cornwall, Devon and Somerset).

**LAPORTE INDUSTRIES, LTD.**, announce that Mr. R. Terrington has been appointed chief buyer raw

materials. In that capacity Mr. Terrington will be responsible for the co-ordination of all raw material purchases throughout the Laporte group. Mr. R. S. Harden has been appointed raw materials buyer for the Kingsway Works, Luton, of Laporte Chemicals, Ltd.

**THE DISTILLERS CO. (BIOCHEMICALS), LTD.**, Broadway House, Wimbledon, London, S.W.19, have appointed the following medical representatives: Messrs. D. M. Baxter (S.W. Scotland); J. M. Christy (Hampshire and Berkshire); E. J. Cox (North Birmingham and Worcestershire); J. C. Dark (South Birmingham and Warwickshire); and H. M. Powell (S.W. Wales). Mr. A. M. O'Connor has joined the company as a veterinary representative and will be responsible for the North-west of England.

**THE WELLCOME FOUNDATION, LTD.**, announce that R. S. F. Hennessey, C.M.G., M.D., F.R.C.P.I., has been appointed head of their therapeutic research division, which consists of the Wellcome Laboratories of Tropical Medicine (London), the Chemical Research Laboratory and Pharmacology Laboratory (Wellcome Research Laboratories, Beckenham). L. G. Goodwin, M.B., B.S., B.Pharm., B.Sc., has been appointed head of the Wellcome Laboratories of Tropical Medicine in succession to Dr. Hennessey. Both appointments take effect on June 1.

## CHANGING PATTERN OF MEDICINE

### Importance of adaptability

THE rapidly changing pattern of medicine in recent years was referred to by Mr. J. C. Hanbury (chairman, Allen & Hanburys, Ltd.) at a dinner in London to long-service personnel (twenty-five years' service and over), on April 25. The marked decline in the use of "old-fashioned" vegetable drugs and galenicals made from them had led to a situation in which for some time past the company had been losing substantial sums of money on a type of business "whose days were clearly numbered." There came a time when the continuation of that could not be justified, it was acting as a millstone round the neck of other sections of the business. The recent decision of the company to cease the production and supply of galenicals had resulted in some degree of disruption of trade but the total effect relative to business and staff as a whole had been extremely small, he said.

British industry could show all too many examples of small concerns going to the wall through inability to change their pattern of business to suit the times. Allen & Hanburys could not be reproached for being unadaptable for 75 per cent. of the company's present business did not exist ten years ago while 40 per cent. of the company's turnover was now done in overseas markets.

The business of tomorrow came from the work done today in the research department. Research costs increased year by year and the scales were tilted in favour of the larger unit. That had led the directors to discussions with the directors of Glaxo Laboratories, Ltd.,

and to the proposal of a merger which could, if approved, be of benefit to both firms. There was surprisingly little overlapping of business in the two concerns and a tie-up could constitute a strong organisation which, if handled efficiently, would give a potential for progress 100 per cent. greater than if they worked separately. There was no question of good men in, or the reputation of Allen & Hanburys suffering from the steps taken. Their work would be done with the same pride as before. Unlimited opportunities lay ahead and, he concluded, "we are going to succeed."

Mr. Hanbury was one of fifteen new members of the "veteran" personnel at this year's dinner. Two more, Messrs. D. O. Drake and J. J. Tyrell, he recalled, studied with him at Bloomsbury Square.

The other new members were:—Messrs. J. W. Playll, W. Jacques, W. C. Wilkinson, H. Bradford, F. Middleton, H. A. Blakes, Miss N. Burchell, Miss B. Suckling, Miss K. Rayment, Miss L. Chalkley, Miss E. Ward and Mrs. S. A. Carter. The veterans' association now numbers 336, of whom 275 were at the dinner. On their behalf Mr. H. Geewater, in proposing the toast of the company and the chairman, said that they were gratified that all personnel who had become redundant through the decision to close down the galenical department had been found employment within the company. He extended a welcome to Mr. A. N. Buchan (director of Allen & Hanburys (Africa), Ltd.), who was paying his first visit to England, and to Mrs. Buchan.



## DEATHS

**ANDRASSY.**—On April 12, Mr. Claude Victor Andrassy, M.P.S., 18 St. Martin's Avenue, York Road, Doncaster. Mr. Andrassy qualified in 1922.

**BARBER.**—Recently, Mr. John Harrison Barber, M.P.S., 1 Manners Corner, Manners Way, Southend-on-Sea, aged forty-two. Mr. Barber was proprietor of John H. Barber, Southend, and a director of Bruce & Barber, Ltd., Southend.

**BESWICK.**—On April 16, Mr. Harold Ernest Beswick, M.P.S., 11 Blackburn Road, Clayton-le-Moors, Accrington, Lancs, aged sixty-two.

**CAMPBELL.**—On April 7, Mr. Arthur George Campbell, M.P.S., Wyn-garth, Market Weighon, York. Mr. Campbell qualified in 1903.

**GREENE.**—On April 7, Mr. Maurice Irving Greene, M.P.S., 49 North Road, Droylsden, Lancs. Mr. Greene qualified in 1931.

**HENDERSON.**—On March 7, Mr. Henry John Henderson, F.P.S., 20 West Hill, Hitchin, Herts. Mr. Henderson qualified in 1897.

**LAURENT.**—At Uccle, on April 17, Mr. Rogert Laurent, director of the Institute of Pharmaceutical Research and Analysis, Brussels, aged forty-six.

**MURRAY.**—While on the way to his pharmacy at 19 North Frederick Street, Dublin, on April 23, Mr. Aeneas J. Murray, M.P.S.I., Albert Road, Glengary, co. Dublin. Mr. Murray, who was a native of Carrickmacross, co. Monaghan, qualified in August 1924, and four years ago opened a pharmacy at North Frederick Street. Mr. Murray is survived by his wife, son and two daughters.

**O'GORMAN.**—Recently, Dr. William J. O'Gorman, Cleveland, Ohio, aged twenty-five. Dr. O'Gorman was the only son of Mr. James W. O'Gorman, M.P.S.I., Harcourt Street, Dublin. He had been only eight months in the United States, where he was continuing his studies at St. Joseph's Hospital, Parkersburg, West Virginia, when he became ill.

**RAKE.**—In Princeton, New Jersey, on April 20, Dr. Geoffrey W. Rake, aged fifty-three. Dr. Rake was scientific director of the International division of Olin Mathieson Chemical Corp. and a specialist in the field of bacteriology and antibiotics. Prior to his post as scientific director, Dr. Rake had been medical research consultant to the E. R. Squibb & Sons division of Olin Mathieson Chemical Corporation, director of the Squibb medical division and director of the Squibb Institute for Medical Research. He had joined Squibb in 1937 as head of the microbiology division of the Institute. Born in Fordingbridge, England, in 1904, Dr. Rake received his medical degrees from the University of London in 1928. After serving at Guy's Hospital, London, he taught pathology at Johns Hopkins Hospital in the United States and at the University of Heidelberg. He later joined the research staff of the Rockefeller Institute, New York, and spent a year as research associate in the Con-

naught Laboratories, University of Toronto.

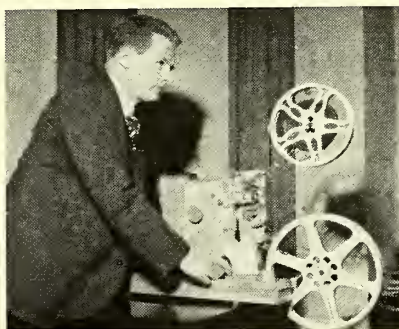
**RIGDEN.**—On April 9, Mr. Hubert Rigden, M.P.S., 7 Hampton Court Way, Thames Ditton, Surrey, aged eighty-eight. Mr. Rigden was in business at Harrow-on-the-Hill from 1895 until he retired in 1928. He was a former secretary of the Harrow Branch of the Pharmaceutical Society.

**WESTBURY.**—At 85 North Main Street, Youghal, co. Cork, recently, Mr. Frederick Seymour Westbury, M.P.S.I. Mr. Westbury, who became a Licentiate in August 1923, had been in practice in Youghal for many years.

**WOMPRA.**—Recently, Mr. Arthur Ardwell Wompra, M.P.S., aged forty-six. Mr. Wompra was in business in Castle Street, Conway, North Wales. Before transferring to Conway ten years ago, he was in business in Greenfield Road, Colwyn Bay.

## PERSONALITIES

**MR. JOHN J. DOYLE, M.P.S.I.** Clontarf, Dublin, is a pharmacist who takes great pleasure during his leisure hours in producing feats of engineering skill. His most recent achievement has been to build his own 16 mm. cine pro-



jector, on which he shows his own travel pictures. The machine is an efficient, well-cooled projector that throws a steady brilliant picture on to his own home-made beaded screen. For over a year in his workshop Mr. Doyle was engaged on his task. The body of his projector is sheet-aluminium. For power he fitted a sewing machine motor and ball-races are fitted for smooth running. The cooling system is so good that the projector may be used with a 500-watt lamp for stills, and a 750-watt lamp for cine. Belt driven, the machine has an efficient speed control and a good rewind system. The entire outfit was made for just under £30.

**BRIGADIER T. CARLETON HARRISON**, who has been appointed chairman of Gillette Industries, Ltd. (see p. 474), was born about the time King C. Gillette first evolved the safety razor with which his name has become synonymous. However, leaving the army as a major after the first world war, he wanted to become a farmer, but as he lacked capital, he became a furniture designer instead. Then, as his passion for beautiful furniture was not shared by the public, he sold his business to become general manager of Aladdin Industries, Ltd. It was in 1931 he joined the newly constituted Gillette Industries, Ltd., on the export side.

During this period he began to put into practice the principle he now strongly advocates—to get off one's chair and get out and sell in world markets. His career was interrupted by the second world war which saw him back in the army, during which time he was made a C.B.E.

## LEGAL REPORTS

### Inaccurate Balance

At March, Cambs, magistrates' court on April 22, a plea of guilty was entered on behalf of Peterborough & District Co-operative Society, Ltd., Park Road, Peterborough, to a charge of possessing for use for trade an unjust weighing machine in their pharmacy department at March. The prosecution alleged that the machine was found on examination to be "in a completely useless state for fine weighing" and to be about 33 grains fast in balance. Defending solicitor said that the Society felt the decision to prosecute was more than a little harsh. He explained that the manager at March had a nervous breakdown and had to leave and so a substitute was obtained but in the meantime the former manager had dropped the balance. The fact that weighing was inaccurate in the ordinary way was reported and a new machine was ordered at once and was in use the day after the visit to the pharmacy of the Inspector of Weights and Measures. Previous regular tests over the past twenty years or so had, it was stated, always been satisfactory. A fine of £3 was imposed.

### Unregistered Pharmacist Fined

When Ieuan Arthur Williams, Pretoria Buildings, High Street, Towyn, Merioneths, was charged at Towyn magistrates' court on April 11 with unlawfully describing himself as a chemist and selling poisons he pleaded: "Not guilty to the whole lot." The charges were that he unlawfully used the title M.P.S., not being registered; used the title of dispensing chemist; and sold poisons by retail—salt of strychnine, salt of codeine and codeine. The charges were brought by the Pharmaceutical Society. Mr. A. C. Castle, for the Society said that Williams was on the register as a dispensing chemist until October 1957 when his name was ordered to be removed. There was a right to appeal but no appeal had been lodged. A witness for the prosecution identified a glass tube of tablets and a bottle of medicine as being served to him by Williams. The bottle bore a printed label saying "Ieuan A. Williams, M.P.S., dispensing chemist." Williams told the court that he had intimated that he was appealing, but had heard nothing since. He also said that the addresses of the summonses served upon him were incorrect. He claimed that he regularly received copies of the Society's journal and had received a demand note for his membership fees. When Williams was allowed to go home to look for the membership demand note, he returned and said that he could not find it. Williams was fined £5 on each of five charges and ordered to pay £14 14s. costs. He gave notice of appeal.



## TRADE NOTES

**Withdrawn.** — Lederle Laboratories Division, Cyanamid of Great Britain, Ltd., have withdrawn Aureomycin vaginal powder from their catalogue.

**A Standard Parcel.** — Glaxo Laboratories, Ltd., Greenford, Middlesex, announce the availability of a standard parcel of Fersamal tablets in tin of 100, twelve to a parcel.

**Nylon Elastic Hosiery.** — Yales nylon elastic hosiery in standard and slightly heavier qualities (for use against N.H.S. prescriptions) are marketed by Glen-side (London), Ltd., 37 Percy Street, London, W.1.

**Paper Roll for Kitchen Use.** — After a successful test launch in the Midlands, Newton Chambers & Co., Ltd., Thorncliffe, Sheffield, are launching on a national basis their Polly absorbent paper for "a thousand and one uses in the kitchen." A holder is available.

**Rosemary Shampoo.** — Heath & Heather, Ltd., St. Albans, are now issuing their rosemary shampoo (containing essence of rosemary) in "bubble"



sachet. It is also available in a bottle. A compact counter displaypiece for the product is illustrated.

**Non-spray Insecticide.** — Tritox, manufactured by Associated Fumigators, Ltd., 112 Victoria Dock Road, London, E.16, is described as the only "no-spray" systemic insecticide available to the amateur gardener. For non-edible plants only, it is issued in containers of four sizes.

**Change of Title.** — Glaxo Laboratories, Ltd., announce that their product at present known as Delta Ef-Cortelan tablets (prednisolone) will in future be known as Prednelan tablets. The new pack will include Delta Ef-Cortelan as a sub-title and existing stocks can satisfactorily be used to meet prescriptions for Prednelan.

**Steroid Price Reductions.** — Reductions in the prices of prednisone and prednisolone, and some of their compounds, effective May 5, are notified by the manufacturers. A note of the stock in hand at the close of business on May 3 should be made and claim for rebate submitted to the appropriate manufacturers as soon as possible. Details of the price changes are given in the C. & D. Weekly List of Prices on p. 494.

**Preparing for Summer.** — With a thought to the summer, PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD., Dagenham, Essex, draw attention to Anthical lotion for sunburn, prickly heat or insect bites. CUNSON, GERRARD & Co., LTD., Oldbury, Birmingham, are recommending Aidex, a burn and wound cream introduced just prior to last summer.

**Win-a-house Competition.** — Kimberley-Clark, Ltd., Larkfield, Kent, are to run a "Win-a-house" competition starting in June. People entering will require to buy Kleenex. Shopping vouchers, 400 of them, will be given as second and third prizes, the money to be spent on anything the winners want at the shops where they bought the Kleenex.

**Polio Vaccine in Eire.** — Until recently supplies of poliomyelitis vaccine were, in the Republic of Ireland, available only to county medical officers of health. Ample supplies are now available to pharmacies for dispensing to the public on medical prescription through Parke, Davis & Co., Ltd., Hounslow, Middlesex. The vaccine is supplied in 9-c.c. ampoules, each sufficient for three courses (the number normally required to provide immunity).

**Switch to Improved Product.** — Ward, Blenkinsop & Co., Ltd., 37 Queen Square, London, W.C.1, point out that Penoflex, their original plastic dressing, having been superseded by Octaflex (which dries more rapidly and produces a more durable, protective, adherent film), is discontinued. When, therefore, 15-c.c. tubes of Penoflex are ordered, 2-dr. tubes of Octaflex are being supplied, and where 100-c.c. bottles of Penoflex are ordered, aerosol containers of Octaflex are being supplied.

**Tooth-brushes and Combs.** — To link up with a new advertising campaign for Halex tooth-brushes the makers, Halex (a division of British Xylonite Co., Ltd.), Highams Park, London, E.4, are offering plastic dispensers for the counter. Two (A636 and A637) take 3 doz. tooth-brushes and another A638 tooth-brushes and Imprene combs. Particulars are given in the company's announcement on another page. The company have now added a tail comb to their newly introduced range of combs.

**Revised Price List.** — Coty, Ltd., 3 Stratford Place, London, W.1, in circulating a temporary post-budget price list point out that the maximum reduction of purchase tax has been passed on to the public; that the retailers' profit margin has been protected in all cases and wherever retail (including tax) prices have been rounded off to avoid awkward sums, the additional amount has been added to the retailers' margin and that the company's customary cash discount of 2½ per cent. (for payments on or before the last day of the month following the month of invoice) is maintained.

**Supplement to Chemical List.** — A supplement to the 1957 edition of the Association of British Chemical Manufacturers' directory "British Chemicals and their Manufacturers" has been published. It will be recalled that the

directory is published at two-yearly intervals and during that time there are many changes and additions in the list of products produced. The supplement provides full details of those changes and will ensure that the users of the 1957 directory have up-to-date information on the actual manufacturers of chemicals in the United Kingdom. As with the directory, the supplement is available free of charge to all firms genuinely interested in the purchase of chemicals and inquiries should be addressed to the Association, 86 Strand, London, W.C.2.

**Now Entirely Chromium-plated.** — The "dispenser" in which Rozalex barrier cream is issued for use in factory and workshop by the manufacturers, Rozalex, Ltd., 10 Norfolk Street, Manchester, 2, is now entirely chromium-plated inside and out, so as to ensure perfect cleanliness in use. The "dispenser" was developed to provide a convenient method of delivering the correct amount of cream in the palm of the hand by merely pulling a button. It holds 2 lb. of the cream (enough for 150 to 200 normal applications). Incorporated in the lid is a locking device with removable key to prevent misuse. Rozalex "dispensers" are, on request, serviced free of charge by the company's representatives, and only a nominal charge is made for spare parts, which are readily available from stock.

**Sole U.K. Distributors.** — Leda Chemicals, Ltd. (pharmaceutical division), a subsidiary of F. W. Berk & Co., Ltd., have been appointed sole distributors in the United Kingdom and most Commonwealth countries for antineoplastic drug Degranol (known formerly to research workers in the chemotherapy of cancer as BCM) manufactured by the Hungarian State Pharmaceutical Consortium. The compound was first prepared by Dr. L. Vargha, Hungary, by linking nitrogen mustard with mannitol to form 1'6-bis-(betachloroethylamino)-1'6 - desoxy - D - mannitol - dihydrochloride. Clinical trials in Hungary are understood to have shown Degranol to be a powerful yet virtually non-toxic inhibitor of neoplastic growths. Clinical trials are now being carried out in this country. Degranol is being exhibited by Professor Kellner at the forthcoming Cancer Congress in London.

### Bonus Offers

**HALEX** (a division of British Xylonite Co., Ltd.), Highams Park, London, E.4. Orders for four dispensers A636 or A637. Fifteen Halex tooth-brushes to doz. or fourteen to doz. for two dispensers or thirteen to doz. for one dispenser. Until June 30.

**NEWTON CHAMBERS & Co., LTD.**, Thorncliffe, Sheffield. Polly kitchen roll, thirteen to doz. on initial order plus three wire dispensers in every case of rolls.

**SMITH & NEPHEW, LTD.**, Welwyn Garden City, Herts. Free stock worth 27s. 6d. on every order for special parcel of Nivea creme worth £8 5s. and free stock worth 12s. 6d. on every additional order worth £2 10s. (trade price values). Until May 17.



## NEW PRODUCTS AND PACKS

**A Bulk Pack.** — Bayer Products, Ltd., Neville House, Eden Street, Kingston-on-Thames, Surrey, announce the introduction of a bulk pack of 100 4-mil ampoules of Levophed. Boxes of six ampoules remain available.

**A Pack Change.** — Cortiforte Laboratories, Ltd., 108 Horseferry Road, London, S.W.1, are discontinuing the 2-oz. jars of Cortiforte D.P. and Cortiforte with belladonna and replacing them with tubes of 50 gm. and jars of 500 gm.

**Delayed-release Tablets for Nausea.** — What is described as "a new treatment for the nausea and vomiting of pregnancy" is being introduced by Riker Laboratories, Ltd., Morley Street, Loughborough, Leics. Debendox is a combination of Merbentyl, Decapryn and pyridoxine hydrochloride in a specially-coated tablet that delays release of the medicaments in the alimentary canal. The tablets are taken at night to prevent sickness the following morning. Packs are bottles of thirty and 100 tablets.

**Placental Ointment.** — Paines & Byrne, Ltd., Pabryn Laboratories, Greenford, Middlesex, are marketing a new ointment containing in each gm. the highly purified extractive material from 0.5 gm. of fresh placenta. The indications for the use of placental ointment are chronic leg ulcers, varicose ulcers, slow healing wounds, broken down skin grafts and bed sores. The ointment is applied twice daily to the affected area and a light dressing used. The packs are jars of 100, 250 and 500 gm.

**Prednisolone Phosphate.** — A range of products containing prednisolone phosphate (a soluble form of prednisolone possessing clinical advantages) is being introduced by Glaxo Laboratories, Ltd., Greenford, Middlesex, under the brand name, Predsol. A similar product in which is included neomycin sulphate is being marketed as Predsol-N. Packs are available as eye/ear drops (vial of 3 mls); eye ointment (3-gm. tube); skin ointment (No. 1, non-greasy; No. 2, greasy; in tubes of 5 and 15 gm.). Predsol is also available as a skin lotion (plastic bottle of 20 mls) and nasal drops (10-mil vial); Predsol-N as a nasal spray (15-mil spray bottle).

**Cream for Antifungal Therapy.** — Added to the range of medical products of Imperial Chemical Industries, Ltd., Pharmaceuticals Division, Fulshaw Hall, Wilmslow, Ches, is Glyped cream, claimed to make a new approach in the control of fungous infections of the skin, particularly athlete's foot. Glyped cream contains 25 per cent. of glyceryl triacetate in an emollient cream base. Free fatty acid (acetic plus glycerin) is released and maintained at a constant level on the skin, within a pH range of the optimum therapeutic effect. It is issued in tube of 25 gm. and is manufactured under licence from the Wisconsin Alumni Research Foundation patent applications on file.

**Baby Pants.** — In addition to their baby pants in transparent envelope, Cuxson, Gerrard & Co., Ltd., Foun-

tain Lane, Oldbury, Birmingham, have introduced the No. D60 Sanoid baby



pants illustrated. Made from a new type of plastic which is more attractive in appearance, they will prove softer, it is believed, and more pliable in wear than such pants at present available on the market. For comfort, fabric elastic is used in the waist and legs. The pants are also available rayon-covered and medium and large sizes, both "generously" cut, are available. The carton is printed in pink and blue shades.

**Curl Set and Lacquer.** — The manufacturers of Outdoor Girl preparations, Crystal Products, Ltd., Hook Rise, Kingston By-pass, Surbiton, Surrey, are marketing a new speciality, Spray Magic, which is described as a high-quality curl set, a light lacquer and lanolin in a push-button pack.

**French Fragrances Blended.** — Completing a trio with French Pink and French Moss, the new French Flowers of J. C. & J. Field, Ltd., 162 New Bond Street, London, W.1, is described as "a new melange of French fragrances." It is a blending of bitter and sweet, light and heavy, sharp and muted perfumes, mainly imported from France but given character with Mysore san-

dalwood, Peru balsam, Java cananga and Madagascar ylang ylang, and fixed with musk. French Flowers is available as perfume stick, talc, bath cubes (box of six) and soap (box of three).

**New Baby Cream.** — The stand reproduced here is supplied free of charge with orders for three doz. Natusol baby cream, a cream recommended by the makers, Thomas Kerfoot & Co., Ltd., Vale of Bardsley, Ashton-under-Lyne, for use each time the napkin is changed. Natusol cream is free from perfume, antiseptics or anything likely to cause sensitisation. The small amount of boric acid and sodium baborate is claimed to provide a safe bacteriostat and buffer which prevents the development of irritant alkali, the pH being adjusted so as to be slightly on the acid side. A small pamphlet of "Notes on Napkin Dermatitis" is available on request. The pack is tube of 40 gm. in display outers of one doz. Supplies are restricted to chemists.



**A "Family Size."** — To meet the demand for a "family-size" pack of Jeypine disinfectant, Jeyes-Ibco Sales, Ltd., River Road, Barking, Essex, are introducing a 16-oz. bottle. The company are also introducing a 1-pint tin of Jeyes' fluid disinfectant "particularly intended for garden as well as for domestic use."

## AS OTHERS SEE US

### American comment on "government medicine"

A SPECIAL article in the *Journal of the American Medical Association* of March 22 comments on "Government Medicine in England and France." The author, who emphasises that the report is derived from impressions based on past knowledge and from contacts during a recent trip to Europe and not on careful research, concludes that funds are not available in either England or France to finance increased costs related to advances in medical science and that the assumption of full government responsibility for medical care has removed many incentives for improved service.

"Drugs," the author writes, "have become a much more important part of medical care in recent years. In the U.S.A., large additional sums, both in hospital budgets and paid directly by the consumer, have gone to purchase the added number of drugs prescribed by doctors. This increase is recognition of the need and value of one of the most important advances in medical care in recent years. In England, with the Government almost the sole purchaser of prescription drugs, and with the Government under great financial pressure, there has been an intensive study to reduce drug costs. A formulary

has been established to encourage the use of low-priced therapeutic agents. The Government is moving towards some type of cost-plus pricing with the manufacturers. How this will allow for adequate research funds and other aspects of the cost of manufacture I do not know. But it seems obvious that it could discourage the development and introduction of new drugs and have long-range effects disadvantageous for the manufacturers and eventually for the public.

Controls, if they led solely to more economical service to the public, could hardly be criticised. But the controls in themselves have a serious effect on the quality of service and on the initiative of the physician and others. The great stringency created by inadequate budgets has carried the control of costs beyond justified economy, and has led to a cheapening of the health services," claims the author.

"The assumption by Government of full responsibility for medical care for the public, and for the cost of that care has relieved those working in the health field of fundamental responsibility for care, and, what is more serious in the long run, has removed many incentives for improved service."



# Correspondence

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

## Consumer Advisory Services

SIR,—There is one aspect of consumer advisory services which is objectionable as at present conducted. It is never certain that all makes of a certain class of goods are sampled and therefore undue recommendation may be given to a certain make at the expense of an even better one which has accidentally (?) escaped sampling. For example, talcs were recently dealt with and Messrs. Boots' product came out top, of those sampled. There may well be another firm, in fact I believe there is, which makes a talc which is even better value. Many retail chemists have packed lines also which are excellent value compared with advertised lines but just because of the ignorance of the sampling agent, these are overlooked and Messrs. Boots get some more free advertisement.

C. B. BLORE,  
Sark, Channel Islands

## Council Election

SIR,—The committee of the Liverpool Branch of the Pharmaceutical Society and the council of the Liverpool Chemists' Association commends to all members the candidature of Mr. W. John Tristram for re-election to the Council of the Society. As a past-president of the Society and a council member of many years standing, Mr. Tristram has always served the best interests of pharmacy and on his past record alone has proved himself worthy of the fullest support.

DENVER L. REES  
Secretary

SIR,—The committee and members of the Guildford Branch of the Pharmaceutical Society wish to seek the support of all members of the Society for the candidature of Mr. Tom Reid who is offering himself for re-election to the Council. His record as a Council member since 1945 is one of outstanding devotion to the interests of all branches of pharmacy. He serves on many committees at local and national level and his wide experience and grasp of present-day problems combined with his obvious sincerity are an asset to the Society. He is the present chairman of the Guildford Branch and we commend him to all members.

E. T. SEWELL, *Vice-Chairman*  
J. L. HODDER, *Secretary*

## Enthusiasm Not Shared

SIR,—May I express the disappointment of small business people at the action of the Government in reducing purchase tax without making any refund to distributors. We small retail firms are not allowed to have Customs and Excise purchase-tax certificates, so we have to stand losses brought about by changes in the purchase-tax rate. We are receiving letters from our manufacturer suppliers, who seem to be rubbing their hands with glee, accompanied by a little back slapping, about the good business we should all

do from now on: they seem most surprised that we do not share their enthusiasm. We, unlike them, are having to foot the bill. Small business people will be forced to take very drastic steps to keep their concerns intact for the next few months. The outlook of the small business man in this country at present is grim. We ask for as much consideration as the "big boys" in the matter of fairness, as without doubt statistics show that many small businesses serve a greater proportion of the public than the few very large concerns.

F. W. SCADDAN  
Reading

## Dispensing Fees

SIR,—I enclose a copy of a letter which I have sent to the Central Chemists Contractors Committee. I believe if sufficient numbers protest the position as stated could be reviewed almost before the pricing of April scripts is completed. It would be better if chemists wrote to their local Pharmaceutical Committees who, after all, did accept this scale on behalf of the contractors. I am sure the majority of chemists never thought that the way of counting scripts would be altered.

H. J. GRAVES  
Exmouth, Devon

Mr. Graves' letter addressed to the Secretary, Central Contractors Committee, Queen Square, London, W.C.1, and dated April 28, reads:

Last Friday we had the pleasure of hearing the superintendent of our bureau address the Exeter Branch of the Pharmaceutical Society. The difficulties of correct prescription counting and that of the n/c scripts arose. We were told the new scale of fees cut out such prescriptions as mist, extemp. etc. Mitte 3 x 16 oz. (or multiples) which while attracting only one shilling levy, hitherto ranked as three prescriptions, fees, plus three container allowances, and were sorted into the S bundle with two n/c claimed by the contractor. Now we are to receive one fee and one container allowance only, for that which takes three lots of dispensing effort, three containers, three corks, three labels and wrappings, and two slip labels informing the patient "There are three bottles of the same medicine, use one bottle before commencing on the others."

If we make three bottles of a similar mixture for three different people, e.g., one each, on the same dispensing counter during a session we get individual fees and container allowances, etc., for the same amount of work, except for a different name on each label. When we accepted this new scale, with some misgivings, we did so for two main reasons: a. The attempt to restore the balance between proprietary and B.N.F. prescribing incidence as far as it affects fees; b. That with some "simplified" scale of fees pricing time could be cut down, and it would be a further step on towards full pricing and abolition of averaging.

Notwithstanding the note para 3 on

the back of the green form attached to U.L.959, we did not envisage a change in the counting of prescriptions, or what would count as one prescription or dispensing occasion, we were encouraged to believe it was a change in the "spread over" under the "same ceiling" not as a way of reducing our prescription numbers and the related container allowance, with precisely the same effort and costs. While realising the difficulties before them, one would expect the architects of this scale to work on the number of scripts dispensed in the past, and on what in pharmaceutical practice constitutes a prescription . . . the ultimate stage in this illogical method will be to give us a fee per E.C.10 form irrespective of the work involved in dispensing what was ordered upon it. We are rapidly becoming involved in the politics of the levy charges—the doctor's concern (rightly or wrongly) about the patient's purse. We accept properly the needs of certain old age pensioners, those in receipt of National Assistance monies, the border line cases, and the chronic sick without means but I have a real objection to subsidising those who have a better standard of living than my own, and for whom the doctor should write and give signed post-dated carbon copy E.C.10s, and upon which the State would receive 1s. per item contribution.

This increases the difficulties in sorting with the idea of making each 100 packet in the A bundle similar in value. There is nothing in E.C.N. 265 which tells me the doctor can subdivide the total quantity he has ordered, the costs of the containers for which after the first one comes out of my own pocket. At what number of containers does any group rank as a new prescription, conversely at what quantity or weight does a dispensary made (extempore) preparation exceed what is practically regarded as a reasonable quantity? Does one container allowance apart from the silly fee cover giant size pots or jars? As I see it a doctor can order in one name, three by 20 oz., six by 10 oz., five by 12 oz., or a gallon in two by 40 oz., four by 20 oz., etc., etc., and we get 1.55d. and a maximum fee of 4s. How many chemists' bundles (April dispensed) will be counted by them in the firm belief (faith) that a prescription is what a doctor ordered, and when he says send X number of bottles will be invoiced as X number of prescriptions? We want an immediate review of this new anomaly. We want a new guide of all that is known as a n/c script. We want to know where the other snags are. We want less humbug in the method of submitting scripts for pricing. What happens to mixtures that do not keep and where the patient comes back at a later date for the rest? What about dated supplies on an E.C.10 involving perhaps five bites at the cherry, for it's certainly no plum?

## LOCAL OFFICERS

### PHARMACEUTICAL SOCIETY

Finchley.—Chairman, L. V. Melhuish; Vice-chairman, A. King; Secretary, J. C. Bolton; Treasurer, J. Shore.



# EXPECTORANTS AND ANTITUSSIVES

## Scottish Department scientific meeting

THE prevalence in Britain of respiratory diseases with cough as the chief presenting symptom had led to the prescribing annually of large quantities of medicaments for symptomatic relief. Mr. J. L. PATERSON (lecturer in physiology and pharmacology, Royal College of Science and Technology, Glasgow) told the closing meeting of the Scottish Department for the session in Edinburgh recently. In a recent survey respiratory diseases accounted for 45.8 per cent. of consultations in an average urban-rural practice. Yet further investigation of the actions of expectorants was required if their application was to be based upon sound principles. Despite evidence that expectorants such as ammonium chloride, ammonium carbonate, ipecacuanha, squill, terpenes, creosote, quiaol, bromoform and the iodides increase the secretion of respiratory tract fluid collected from the tracheae of anaesthetised animals, their value as expectorants in the human subject was questionable since it had been shown that in patients suffering from chronic bronchitis no increase in volume of fluidity of sputum was produced after treatment with ipecacuanha or iodides in ordinary doses. Since the action of other drugs of that type depended upon the activation of the same physiological responses, it seemed probable that emetic substances in general had little effect on the respiratory secretions unless they were administered in doses sufficient to produce actual vomiting or sustained nausea. In contradistinction to that the emetic action of apomorphine was by direct stimulation of the medullary centres and it was found that the secondary symptoms, lachrymation, salivation and increased respiratory secretion, could be induced by a 1 mgm. dose insufficient to induce actual vomiting. Used in that way, apomorphine was a satisfactory expectorant though the fairly profuse salivation and sweating might be regarded as disadvantages and its use was contraindicated in conditions of anoxia.

### Controversial

Substances which owed their use in part to their excretion by the bronchial glands did not appear to exert a more efficient expectorant action than the emetic group when given in the usual doses. Thus it was controversial whether the iodides were of significant value in promoting expectoration unless given in doses sufficient to produce the respiratory symptoms of general iodism. They did, however, offer the attraction of introducing into the bronchial secretion a substance which might have an antiseptic action within the respiratory tract. That was equally true of the other members of that group. In the case of the iodides it had been shown that the greatest concentrations in the bronchial secretion were obtained by the use of the calcium salt probably due to its lower solubility which would delay uptake by the thyroid. A recent advance in the preparation of medica-

ments acting in that manner had been the preparation of the glyceryl ether of guaiacol, which was tableted and appeared effective in doses of 600 mgm. daily.

Another mode of treatment particularly applicable to advanced chronic bronchitis and bronchiectasis, was the use of aerosols administered by means of suitable nebulisers in order to obtain particle size of the order of 0.5-3.0  $\mu$ . In a series of experiments it was shown that provided an efficient nebuliser was used, solutions of detergent aerosol, sodium bicarbonate and normal saline gave equivalent reductions in sputum viscosity when similarly administered. That suggested that the effect was due to simple hydration of mucoid sputum and that without special apparatus a comparable effect could be obtained by the inhalation of steam either unmedicated or medicated with for example tinct. benz. co.

### Raising the Threshold

Although the abilities of the medicaments commonly used to increase the respiratory secretions, and so facilitate coughing, were controversial, there was evidence for the use of antitussive drugs. Those acted by exerting a direct inhibitory effect upon the medullary cough centre so that its threshold was raised and a stronger stimulus required to trigger the reflex. It was essential that a drug used in that way should exhibit reasonable selectivity for the cough centre at a particular dose level so that normal respiration was not depressed by its use. It should also have a limited duration of action if the protective function of cough was not to be lost, resulting in the danger of widespread pulmonary infection by aspiration of infective material. In investigation of antitussive action on a human volunteer it was found that the depressant effect of 30 mgm. of codeine on the cough centre was not significantly greater than that of 15 mgm. and that severe cough which did not yield to 100 mgm. doses would not yield to 300 mgm. Although quoted in support of the more frequent administration of smaller doses of codeine (8-10 mgm. two-hourly) in cough, those figures might be interpreted as in accord with the view that the psychological factor involved was capable of outweighing any action which codeine might have on the cough centre. In insufflation trials it was found that morphine hydrochloride (15 mgm. subcutaneously) had a significant effect on forceful coughing and that diamorphine hydrochloride (10 mgm. subcutaneously) was the most consistently efficient antitussive of those examined for both weak and strong stimuli. Methadone (15 mgm. subcutaneously) was effective in controlling cough though its effect was less sustained than those of diamorphine and morphine. Ethylmorphine was found to be no more effective than codeine.

The use of the most potent antitussives examined had, however, considerable disadvantages in all but the most

serious conditions. In addition to their addictive properties, they produced in varying degrees a rapidly acquired tolerance of their central effects and a progressive intestinal stasis resulting in constipation due to their tonic effect upon the intestinal musculature. They also had a depressant effect upon the respiratory centre resulting in reduction of the depth and frequency of respiration. The recent introduction of a number of new antitussives was prompted by the desire to obviate those side reactions. Those drugs included morpholinylethylmorphine (pholcodine). Recent investigations had shown that one of the isoquinoline derivatives of opium, narcotine (noscapine) had a specific antitussive effect coupled with a mild spasmolytic action similar to that of papaverine and a stimulatory effect on the respiratory centre. Another series of antitussive drugs included Taoryl, Oxeladin and Toclate, all of which were closely related to caramiphen which had been extensively used in the treatment of extra-pyramidal disturbances accompanied by exaggerated muscular tone. Becantyl and Romilar had actions on the cough centre similar to the caramiphen series and were equally free from hypnotic and constipating effects.

Also widely incorporated in cough remedies were the antihistaminic drugs. It was doubtful whether any of those exerted a powerful selective depressant effect on the cough centre similar to the action of some antihistamines on the medullary emetic centre. They had, however, a decongestive effect upon the irritated mucous membranes and might additionally exert a mild antispasmodic effect on the bronchial musculature.

### Selection and Formulation

Discussing selection and formulation Mr. Paterson said that the use of codeine in less serious conditions was widespread but since its antitussive value was doubtful, though its spastic effect upon the alimentary tract was certain, it could usefully be replaced by pholcodine in many preparations. Where a non-hypnotic effect was required, as in chronic bronchitis or bronchiectasis in the active patient, drugs of the caramiphen series or narcotine or Becantyl might be employed.

The combination of both expectorant and antitussive drugs in cough remedies was an apparent therapeutic incompatibility and would be dangerous if the active constituents were each of high potency. Such combined preparations were widely used and were justifiable only if the drugs used exerted mild effects so that if increased secretion occurred it did not accumulate excessively in the extended intervals between paroxysms of coughing. In many cases codeine was employed as the antitussive and a laxative was occasionally included to counteract the constipating effect. Morphine was also used in that way though in the majority of cases the dose was far below that which would have an effective antitussive



action. Because of their higher morphine content, chlorodyne and ipecacuanha and ipecacuanha and morphine mixture of the B.P.C. were most likely to be effective.

#### Site of Origin

A factor which had to be considered was the site or origin of the afferent stimulus. Where the surface involved was primarily pharyngeal a form of medication depending principally upon a local action would offer the greatest relief of the symptoms. For that purpose the incorporation of medicaments in lozenges, pastilles or syrups was appropriate. When cough arose from the larynx, trachea or bronchi, the local action was unimportant though preparations containing chloroform or other carminatives produced a sensation of warmth and comfort when swallowed which usually provided temporary relief of symptoms of respiratory discomfort and was enhanced if a demulcent vehicle was used. When the more potent antitussive drugs were administered alone the type of preparation was of little importance since it was the central effect of the drug which was sought. That was equally true of expectorants acting reflexly or after absorption. Where a preparation was designed to combine local, expectorant and antitussive actions the presentation of the medicaments in the form of a linctus was generally most acceptable to the patient. From psychological considerations it was important that all such preparations should be sufficiently palatable to ensure that they were taken regularly but without encouraging the patient to exceed the prescribed dose. Colour was also important and the most widely acceptable preparations appeared to be those in which a red colouring agent is incorporated.

Assessment of remedies which gave only symptomatic relief was difficult but it would be of value, concluded Mr. Paterson, to carry out clinical trials of the more commonly used cough linctuses using simple linctus, B.P.C., as a control.

In the course of replying to questions from Mr. J. A. Myers, Edinburgh, Mr. R. B. Drummond, Falkirk, Mr. A. M. Hamilton, Edinburgh, Mr. H. S. Grainger (a member of the Society's Council) and Mr. E. J. Robinson, Edinburgh, Mr. Paterson said that there was still room for investigation on the action of codeine. He believed that pholcodine had an antitussive potency superior to that of codeine. Although many expectorants acted by means of gastric irritation, it was doubtful whether or not sub-emetic doses were sufficient as it seemed unlikely that respiratory secretions could be increased unless nausea or vomiting were brought about. The falling-off of the effect of antitussives after many doses could be due to the cumulative effect of the stimuli. It was also possible that patients acquired a tolerance to these drugs. The emergence of noscapine (narcotine) was a fairly recent development, as it was only four years since the antitussive effect of noscapine was first described.

Mr. J. B. Grosset (chairman, Scottish Executive) presided.

## IRISH SOCIETY'S FINANCES DISCUSSED

### West of Ireland chemists in sympathy with Council

BY comparison with other bodies membership subscription to the Pharmaceutical Society of Ireland was low stated some delegates at a representative meeting of the West of Ireland Chemists' Association held at Salthill, Galway, on April 13. Mr. N. A. McKane, Ballina, presided. Mr. M. Power (president of the Pharmaceutical Society of Ireland) travelled from Limerick to be present and a party from Dublin included Messrs. H. P. Corrigan (the Society's vice-president), J. G. Coleman (the Society's registrar), F. J. Robinson (president of the Irish Drug Association) and Brendan Smith (I.D.A. secretary).

MR. MCKANE put forward a number of proposals for consideration by the meeting. One of those was that the Pharmaceutical Society of Ireland should employ a public relations officer to present pharmacy in a favourable light to the public. Recently, he said, pharmacy had received unfair criticism in the Press. MR. POWER pointed out that even when the Society supplied statements to the Press they were not published as sent out. Only the parts which the newspapers thought made news were utilised.

It was then proposed by MR. MCKANE that the State should be approached to give financial support to the Pharmaceutical Society, which undertook duties which would cost a considerable sum if carried out by a State department. MR. MCKANE invited views on the suggestion made at a recent Council meeting that the membership subscription should be increased. Some delegates said that they thought that the present membership fee of £3 3s. was low by comparison with the subscription to other, less essential bodies. One delegate said nurses had to pay a retention fee of about £10 10s. per annum. The general feeling of the meeting was sympathetic to the Council in the present financial problems facing them. It was conceded that the supply of an official journal was generous in the circumstances. Several speakers paid tribute

to the Society's inspector (Mr. P. O'Brian) for the tact and courtesy with which he carried out his duties.

There was a lengthy discussion on the "leakage" of confined lines to non-pharmacists, and the Government was criticised for its "muddled outlook" on such matters as price cutting and retail price maintenance. Tribute was paid to certain manufacturers who had gone to considerable trouble to trace the "leakage" of their lines, and subsequently ended the abuse.

The establishment of a Pharmaceutical Bureau of Standards which would give its endorsement to products of approved merit was next debated. MR. POWER gave the Society's view and stressed the difficulties in establishing such a Bureau that confronted a body limited by statute to specific functions. MR. ROBINSON for the I.D.A. pointed out the legal difficulties that might arise and which had been apparently overlooked by the advocates of the plan.

Separate reports were submitted by the secretaries of the Mayo and Galway Associations and Roscommon Federation, all of which were approved. It was stated that Sligo Chemists' Association, infused with "young blood," hoped to take a more active part in future proceedings.

At the dinner which followed, MR. G. COMMINS, Galway, replying to the many tributes paid to the West of Ireland Chemists' Association and the Westmeath Pharmaceutical Federation for the cheque presented by them to the Benevolent Fund following their joint dance on January 1, was warmly applauded when he handed over for the Fund a further cheque for £49 which had been collected by his committee.

The toast of "The Pharmaceutical Society of Ireland" was proposed by Mr. Mulreany to which Mr. Power responded. Mr. M. Durcan offered the toast of the "Irish Drug Association" to which Mr. Robinson replied. The toast of the "West of Ireland Chemists' Association" was then tendered by Mr. Coleman to which Mr. McKane replied.



Among representatives from the Connaught counties and from Dublin were: Seated, Miss Peggy Flynn, Mayo; Mr. N. A. McKane (chairman, West of Ireland Chemists' Association); Mr. M. Power (president, P.S.I.); Miss L. Cuniffe, Galway; Mr. H. P. Corrigan (vice-president, P.S.I.); standing, Mr. J. P. O'Donnell, Mayo; Mr. M. J. Mulreany, Sligo; Mr. Oliver Flannery, Sligo; Mr. G. Commins, Galway; Mr. F. J. Robinson (president, I.D.A.); Mr. Frank McAnena, Roscommon.



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PINK

SNOW WHITE

**OUTSTANDING  
OFFER**

3 OR MORE  
GARMENTS  
5% CASH  
DISCOUNT  
6 OR MORE  
10% CASH  
DISCOUNT  
POST  
FREE!

**AS TELEVISED**  
**GUARANTEED ...**

SUPER  
HEAVY  
QUALITY  
Non-Transparent  
4 oz. NYLON

Will give your assistants a  
really smart appearance which  
in turn will bring business  
to you

(Extremely popular  
with Staff!)

**MENS  
WHITE  
NYLON  
OVERALL  
COAT**
**MENS  
WHITE  
NYLON  
JACKET**
**PLEASE NOTE  
THESE  
POINTS**

- ★ No Laundry Bills
- ★ No Ironing necessary
- ★ Crisp, Fresh and attractive
- ★ Non-shrink and Colour fast
- ★ Sewn throughout with Nylon thread
- ★ All seams reinforced and heat sealed to prevent fraying
- ★ Will withstand the hardest of wear and dirtiest of jobs
- ★ When soiled simply wash and dry on specially designed hanger supplied FREE with each garment

**39<sup>6</sup>/<sub>10</sub>**

Sizes:  
Small Men's  
Average Men's  
& Large Men's  
Kindly State  
Chest Measurement

**45<sup>6</sup>/<sub>10</sub>**

Sizes:  
Small Men's  
Average Men's  
& Large Men's  
Kindly State Chest Measurement

LONG SLEEVES  
SIZES:

SW., W., WX.  
OS. 5/- EXTRA  
also

SHORT SLEEVES  
45/-

PLEASE STATE  
BUST MEASUREMENTS

Button through  
3 large pockets  
Flared Skirt  
Tie Belt and  
Spare Buttons

**We Guarantee  
YOUR COMPLETE  
SATISFACTION**

Should your Staff purchase their own  
overalls kindly let them see this offer.  
Single Garments Post and Packing 2/-  
Two or more Post Free

*Direct from the Manufacturer to you*

# THE GREAT NATIONAL DIVIDEND STORES LIMITED

NATIONAL BUILDINGS • P.O. BOX 32 • STOCKPORT • CHESHIRE (MAIL ORDER ONLY)



STARTS JUNE—R

# Sensational KLEENEX

REGD. T.M.

## must win you ex

### HERE'S WHY YOU WIN

This sensational contest with the powerful prize and powerful advertising will rivet the attention of every man and woman on Kleenex tissues this summer.

You make money *two* ways. First, extra cash because people must buy Kleenex from you to enter! Second, the whole contest shows new Kleenex uses for summer, so you get extra sales that way too!

Another way you benefit—shopping vouchers! 400 of them will be given as second and third prizes (worth £5 and £2.10.0. respectively) to be spent on anything the winners want at the shops where they bought their Kleenex tissues.

9 out of 10 of your customers will see this contest advertising. Runs all summer—huge spaces in *Daily Express*, *Daily Mirror*, *People*, *Sunday Pictorial*, and *Empire News* . . . the back covers of the *Radio Times* and *TV Times* . . . whole pages in *Woman* and *Woman's Own*.

## WIN A £4,000 HOUSE OR £4000 CASH

Any house... anywhere U.K. ... paid for by

### KLEENEX\* TISSUES



Plus 100 £5 Shopping Vouchers  
300 £2.10.0 Shopping Vouchers  
to be won!

(Exchangeable for goods & services at the shops where you bought your Kleenex tissues.)

STAY AWAY FROM SHOWING SOME OF THE STRONGER SIZES OF KLEENEX TISSUES. Which of these pictures and scenes, it can be judged, is the most interesting and attractive to you? This summer, last time's a KLEENEX. From the low, also completing sample section is, be sure to read Rules obtainable at all KLEENEX selling shops or from KLEENEX Tissue Limited, Letchworth, Herts.



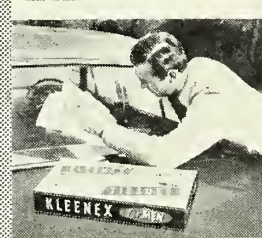
A. With a box of Kleenex tissues, you can be sure to have tissues for any occasion. Kleenex tissues are the most useful tissue product.



B. For baby's comfort and health, nothing is so important as having Kleenex tissues for your baby.



C. Be sure the best and most comfortable tissue for your face, clothing, and everything else is Kleenex tissue.



D. How often you use Kleenex tissues for everything, it is clear that Kleenex tissues are the most useful tissue product.



E. For every occasion, use Kleenex tissues. Kleenex tissues are the most useful tissue product.



F. With a box of Kleenex tissues, you can be sure to have tissues for any occasion. Kleenex tissues are the most useful tissue product.

DATE	NAME	ADDRESS	POSTCODE	TELEPHONE	STREET	TOWN	COUNTY	COUNTRY
A								
B								
C								
D								
E								
F								

Entry Form—Post to Kleenex Contest, 174 Westbourne Grove, London, W.11. 4. I agree to take part in the contest and to accept the decision of the judges. I agree to be entered in the contest and to accept the decision of the judges. I agree to be entered in the contest and to accept the decision of the judges.

NAME (Print letters)  
ADDRESS  
POSTCODE  
TELEPHONE  
STREET  
TOWN  
COUNTY  
COUNTRY

CONTEST CLOSING LAST POST RECEIVED 8 AUG., 1958



**S ALL SUMMER**

# win-a-house contest— a summer sales!

HERE'S HOW YOU WIN

**BUILD UP YOUR STOCKS OF THE KLEENEX RANGE  
AND CREATE SELF-SERVICE DISPLAYS LIKE THIS**



*Make your shop the Kleenex Contest Centre with showcard, window banner and entry forms our representative will provide, or apply direct to Kimberly-Clark Limited*

**YOU MUST WIN EXTRA PROFITS**

KIMBERLY-CLARK  LIMITED, LARKFIELD, KENT



swiftly...

surely...

to higher levels

**WITH THE NEW IMPROVED PENICILLIN - V**

'V-CIL-K' brand penicillin V potassium is the most efficient oral penicillin yet developed. It combines the acid stability of penicillin V with very rapid absorption. High therapeutic levels are swiftly attained and peak concentrations are reached within thirty minutes.

'V-CIL-K' provides the convenience of oral penicillin with the speed and sureness of the parenteral route. Whether judged by blood levels or by clinical results, it is fully as effective as intramuscular penicillin G.

'V-CIL-K' may be used whenever penicillin is indicated, even in serious infections hitherto requiring parenteral treatment. The dose is 125-250 mg. four times daily. The cost is identical with that of penicillin V. Available as tablets of 60 mg., 125 mg. and 250 mg.

**'V-CIL-K'**  
PENICILLIN V POTASSIUM

*Lilly*

ELI LILLY & COMPANY LTD · BASINGSTOKE · ENGLAND



# The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

ESTABLISHED 1859

Published weekly at

28 Essex Street, Strand, London, W.C.2

TELEPHONE CENTRAL 6565

TELEGRAMS: "CHEMICUS ESTRAND, LONDON"

## Overseas Trade in March

THE value of drugs, medicines and medicinal preparations exported during March totalled £3,264,457, and in the first quarter of the year £9,750,723. Some decline from the £9.9 millions peak of the previous quarter has, therefore, occurred but, compared with the corresponding quarter of 1957, the value was down by only £88,000 and the volume may have been about the same, since lower prices are now operating for several

EXPORTS	VALUE
Drugs, medicines, medicinal preparations (total)	£
Vitamins	3,264,457
Penicillin salts	169,060
Penicillin injections	136,708
Penicillin tablets, ointments, etc.	86,448
Antibiotics other than penicillin	40,120
Quinine	547,468
Alkaloids, excluding quinine	17,614
Aspirin	72,002
Antihistamines	115,381
Antipaludics	34,062
Barbiturates	44,660
Liver extracts	42,799
Ointments and liniments	14,546
Insulin	102,060
Sulphonamides	23,543
Proprietary medicines	88,065
Other medicines, unclassified	984,931
Glycerin	704,095
Acetone	13,772
Citric Acid	44,526
Salicylates	44,679
Perfumery and toilet preparations	13,797
Lipstick, face powder, etc.	291,065
Dentifrices	176,553
Toilet soaps	299,726
Synthetic detergents	521,887
IMPORTS	£
Vitamins	80,977
Antibiotics	31,500
Alkaloids	38,279
Proprietary medicines	209,677
Unclassified medicines	597,006
Borax	58,317
Iodine	31,876
Menthol	12,221
Essential oils	
Bergamot	23,554
Citronella	13,110
Clove	1,593
Geranium	30,094
Lavender	11,802
Lemon	60,427
Orange	27,368
Peppermint	54,861
Unclassified	228,804

items (notably vitamins). The March commodity figures (see first table) were little changed from the January-February average; antibiotics, aspirin and proprietary medicines showed satisfactory increases, while vitamins and alkaloids were lower.

Shipments of prepared medicines, etc., to Australia made a welcome recovery to £360,000 in March (from £210,000 in February) but those to India were, at £98,000, only about 37 per cent. of the average monthly value for 1957. In March, as in February, South Africa was the second largest market for United Kingdom prepared medicines; the Union's purchases totalled £656,042 for the first quarter or 51 per cent. more than in the corresponding period of 1957. Exports to North America were well maintained, the United States taking £109,394 and Canada £96,165 during the month. Whereas Canada's total imports from Britain during the first quarter of the year increased by 5 per cent., medicinal preparations rose by nearly 70 per cent. in that period—a gratifying performance in view of the current British drive in the Canadian market.

On the import side the story is less satisfactory, the total value of prepared medicines at £957,000 in March being the highest on record. While antibiotics, vitamins and alkaloids were at a low level, imports of proprietary and other medicinal preparations were extremely high (see table 2).

United Kingdom trade as a whole showed little change in March, although imports and exports recovered from the seasonal low February level. Imports rose by £33 millions to £321 millions, while exports at £278.1 millions were £13 millions higher, and re-exports rose sharply to 16.1 millions. The excess of imports over total exports in the month was nearly £27 millions.

## Onward from Galen

### A CURRENT CAUSERIE

THE report of the twelfth session of the Commission on Narcotic Drugs (H.M. Stationery Office, 4s. 6d.) draws attention to the international ramifications of smuggling rings with considerable financial backing. In one case described, the drug traffic originated in the Middle East and was routed through France to terminal points in the United States and Canada, either direct or via Cuba. Conversion generally took place where penalties were less severe. At a later stage of the journey the drug was treated for a second time in clandestine laboratories and converted to diacetylmorphine. Whenever any one clandestine laboratory was eliminated the ring transferred its activities to another country. Accounts regarding the activities of notorious traffickers such as Samil Khoury, D'Agostino, Max Gossman or "Lola la Chata" still further highlighted the international scope of the illicit traffic. The report contains chapters on the implementation of treaties and international control, drug addiction and assistance for narcotics control. A section on barbiturates and tranquillisers considers the difficulties that have arisen in various countries as a result of the increasing use of those substances and the action which should be taken at an international level. The Commission recommend that administrative measures of control to prevent the abuse of barbiturates should be taken and that governments should keep a careful watch for any abuse of tranquillisers with a view to taking any necessary control measures. It is pointed out as an example that until January 1957, barbiturates were sold in Egypt without prescription. Since then they have been available on prescription only with the pharmacist required to keep a register and retain the prescription. The attention of governments is drawn to the increased traffic in cannabis and it is often used as an introduction to the "white" drugs.



# A "DO-IT-YOURSELF" CONVERSION

*An inexpensively transformed pharmacy in a Surrey village*

ONE of the greatest deterrents to the private pharmacist wishing to open his own pharmacy is the heavy initial cost. The price of an existing business may be prohibitive, but in "starting from scratch," as well as buying stock, there is also the major expense of fitting the shop as a pharmacy.

The problem of fitting out new premises or converting old ones is, however, by no means insuperable. One can do it oneself. That, at all events, is what Mr. F. Gray-Wilson, F.P.S., did at his pharmacy at Leatherhead Road, Great Bookham, Surrey. Assisted by Mrs. Gray-Wilson he completely redesigned and refitted the pharmacy (with the outside help only of a handy-man) at an inclusive cost for materials and labour of £156. Out of that, the estimated cost of materials was about £100 including floor coverings, while four neon striplights alone accounted for £26.

The building was originally an ordinary small bungalow, which about twenty years ago was converted into a shop. The shop was not always a pharmacy—nine different trades have, in fact, been carried on there at various times, with such small success that none of the occupants stayed longer than about a year. When Mr. Gray-Wilson took over the shop it had not previously been occupied by a chemist, and it had been empty for a year. But in a rapidly growing village with only one pharmacy there seemed scope for another, and he saw possibilities in the little shop. That was six years ago. The business has "never looked back" since he opened up.

From the time when he set up the pharmacy until about six months' ago Mr. Gray-Wilson carried on business leaving the premises very much as he found them. The shop was small and cramped, the dispensary even more so. There was but one small room, with stock-room alongside. Customers entered by a rather narrow door at the extreme left. Though Mr. Gray-Wilson runs the business with no assistance except that of his wife, Mrs. Barbara Gray-Wilson, it became more and more difficult as the trade increased to cope with the counter work and dispensing and to accommodate customers and patients waiting for medicines. They did not want to call in shopfitters to alter and enlarge the premises; nor did they want to close the business during the alterations. So, as interior decoration is one of Mrs. Gray-Wilson's hobbies, they decided to design and carry out the alterations themselves.

The main conversion was to take in the stock-room and make it the main part of the shop. The old door was bricked in, and a new, larger door, flanked by small display windows containing two handsome carboys, was made in the front wall of the stock-room, where there had previously been a French window with a wooden rail in front. The rail was placed at the end of the wall at right angles to the door, and now provides a useful hitching-post for customers' prams, dogs, bicycles and even horses!



Above: Front view of the shop as it now is, showing the new doorway at the right. Below: The main shop, looking through to the dispensing department.

The new door was picked up at a breaker's yard for £1; the handle was a bath rail. The carboys, which were formerly in the shop, are in the window, filled with blue and yellow liquids, and the windows are faced with hunting-pink formica.

The interior of the shop has been rearranged so that the new door leads straight into the main shop, and the dispensing screen has been placed at an angle across what was formerly the main shop, leaving a small selling and display area in front of the screen.

Before the work was actually started, everything was worked out to scale on graph paper, with pieces of paper cut out, also to scale, to represent the fixtures. Those were tried out on the plan to determine the best position before they were moved. In fact, before any stock was moved, its eventual "proper place" was decided, and the positioning and width of the shelving was worked out in the exact sizes to accommodate each particular item. The planning stage took three weeks.

The shelves were then cut by the handy-man and fitted in. Much of the shelving used was obtained from an old house that was being demolished. It was already painted with a good-quality cream paint. Mirrors and plate-glass used for some display fittings that now look most attractive



were bought from a junk shop at a total cost of 32s. 6d., cut to the required sizes and shapes by a local glass-cutter, and the rough edges filed down before use. For the shop counter, two old chests of drawers were placed side by side and the top and counter front (the backs of the chests) faced with mahogany ply-wood.

For the dispensary, the old dispensing bench was placed at an angle across the former shop. The bench was given a linoleum top, and the drawers faced with similar linoleum. A caravan sink was placed in the corner and fitted with a wood surround topped with linoleum. The dispensing bench is surmounted at either end with hardboard panels that give

privacy while giving, through a space in the centre, a clear view of the shop and a display shelf for mortars and pestles. In each hardboard panel has been cut out the shape of a carboy, and that has been backed with blue and red metal foil.

A chimney breast in the centre of the shop, which might have proved an obstacle, has been shelved to provide additional display space, with a fitting for oxygen cylinders at the back. It also affords more privacy to the dispensary. There is now no stock-room, but all the stock has been accommodated in the shop. The conversion took two months, the shop, however, remaining open for business as usual.

## FIGURES IN THE PHARMACEUTICAL WORLD

ON April 10 Dr. David McCall retired from the resident secretaryship of the Scottish Department of the Pharmaceutical Society of Great Britain. His successor in office, Dr. G. H. Macmorran, is a forty-nine-year-old pharmacist who has already had a good "apprenticeship" as Dr. McCall's right-hand-man for ten years. He has indeed had a much longer preparation for the post under distinguished masters of the craft. As a boy he came under the influence of a pharmacist uncle, David Harley of Musselburgh, a former chairman of what was then the North British Executive, whose surname is in fact his own second name. He served his apprenticeship with Peter M. Duff, secretary at the time of the Glasgow and South-Western Scottish Branch of the Pharmaceutical Society. It was a three-year apprenticeship during which, as can be supposed, he received a thorough training, especially in the preparation of galenicals and in small-scale manufacture. He qualified at the Royal Technical College, Glasgow, under Professor Todd, passing the Chemist and Druggist Qualifying examination in 1931 and the Pharmaceutical Chemist examination the following year. In 1929 he won the Kininmont scholarship, which was awarded on the result of a competitive examination in botany, chemistry and physics to the best student in the West of Scotland. His first post after qualifying was under Anthony McMillan, another honoured name in Scottish Pharmacy. A period of eighteen months he spent partly in the main shop and the remainder as manager of a branch pharmacy.

But he was not to remain in the retail. In 1933 he applied for and secured a post as assistant lecturer in practical pharmacuetics and pharmacognosy and forensic pharmacy at Dundee Technical College. Principal of the pharmacy department at the time was Dr. McCall.

At Dundee he remained until 1938, when he switched to manufacture as assistant laboratory manager with Duncan, Flockhart & Co., Edinburgh, rising in 1946 to manager. In 1948 another vacancy was advertised—that of assistant secretary—under his old chief—at York Place. He had always been active in Branch affairs (on the committee of the Glasgow Branch as librarian and on the committee of the Edinburgh Branch) and here was the opportunity for more important service at Scottish headquarters. In some degree his new appointment involved sacrifice for he had to relinquish his place on the board of examiners for



61. DR. G. H. MACMORRAN

Scotland, which he had held for four years when with Messrs. Duncan, Flockhart.

Already a holder of the Society's Diploma in Biochemical Analysis he further increased his academic successes in 1949 by gaining the Ph.D. degree of Edingurgh University with a thesis on the active constituents of senna leaves and pods. Dr. Macmorran has contributed a paper on the chroma-

tography of senna to the British Pharmaceutical Conference and a number of scientific papers (for example, on the incompatibilities of bactericides) to evening meetings in Edinburgh. He takes over at a time when his comparative youth is likely to prove a great asset, but at a point in his career when his varied qualifications and experience seem to be at a maximum for the successful accomplishment of his tasks.



## GUIDE TO NEW MEDICAMENTS

Information about proprietary products supplied principally on prescription. Reprints on perforated gummed paper for affixing to index cards are obtainable from the Editor. Notes on the products are given on P. 493.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, May 3, 1958

### ADCORTYL tablets

MANUFACTURER: E. R. Squibb & Sons, 17 Old Bond Street, London, W.1.

DESCRIPTION: Scored tablets containing 1 mgm. or 4 mgm. of triamcinolone (9 $\alpha$ -fluoro-16 $\alpha$ -hydroxy-prednisolone).

INDICATIONS: The allergic, inflammatory and rheumatic disorders amenable to corticosteroid therapy—including rheumatoid arthritis, bronchial asthma, various dermatoses, the leukemias and the nephrotic syndrome.

DOSAGE: *Adults*: Initial daily dose of 8–20 mgm., gradually reduced (2 mgm. every two or three days) until optimum maintenance level is reached. Divided doses spread over the day are given. See manufacturers' literature for specific dosages.

HOW SUPPLIED: In bottles of 100 1-mgm. tablets and thirty and 100 4-mgm. tablets.

FIRST ISSUED: April 1958.

REFERENCES: *J. Allergy*, 1957, **28**, 97, *J. Amer. med. Assoc.*, 1957, **165**, 1821.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, May 3, 1958

### ALBAMYCIN GU tablets

MANUFACTURER: Upjohn of England, Ltd., Fleming Way, Crawley, Sussex.

DESCRIPTION: Tablets each containing Albamycin (calcium novobiocin), 125 mgm., and sulphamethizole, 250 mgm.

INDICATIONS: Acute and chronic, single and mixed urinary-tract infections. In patients with indwelling catheters or requiring diagnostic instrumentation or genito urinary surgery—prophylactically.

DOSAGE: *Adults*: 1 or 2 tablets four times a day. *Children*: Four doses daily, calculated to provide 12.5 mgm. of Albamycin per kilo of body-weight per day. Therapy is continued for forty-eight hours after all symptoms have disappeared.

HOW SUPPLIED: In bottles of thirty and 100 tablets.

FIRST ISSUED: March 1958.

POISONS CLASSIFICATION: P.I., S.1, S.4, Penicillin Act.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, May 3, 1958

### DISTAVAL tablets

MANUFACTURER: Distillers Co. (Biochemicals), Ltd., The Broadway, Wimbledon, London, S.W.19.

DESCRIPTION: Tablets each containing 100 mgm. of  $\alpha$ -phthalimido-glutarimide (thalidomide).

INDICATIONS: Stress conditions of physical and emotional origin benefiting from daytime sedation. May be used in old age and in the presence of liver disease.

DOSAGE: *Adults*: 1 tablet two or three times a day. *Infants and children*:  $\frac{1}{2}$  to 1 tablet from one to three times a day according to age.

HOW SUPPLIED: In tube of twenty-four and bottles of 100 and 500 tablets.

FIRST ISSUED: April 1958.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, May 3, 1958

### DISTAVAL FORTE tablets

MANUFACTURER: Distillers Co. (Biochemicals), Ltd., The Broadway, Wimbledon, London, S.W.19.

DESCRIPTION: Tablets each containing 100 mgm. of  $\alpha$ -phthalimido-glutarimide (thalidomide).

INDICATIONS: Sedative and hypnotic indicated in acute and chronic psychosomatic sleep disturbances.

DOSAGE: One tablet twenty minutes before retiring.

HOW SUPPLIED: In tube of twelve and bottle of 100 tablets.

FIRST ISSUED: April 1958.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, May 3, 1958

### COSCOPIN linctus and lozenges

MANUFACTURER: Evans Medical Supplies, Ltd., Speke, Liverpool, 19.

DESCRIPTION: Linctus: Cherry flavoured, each 7 mls (approximately 2 teaspoonfuls) containing 25 mgm. noscapine (narcotine) base. Lozenges: Each contains 25 mgm. of the alkaloid noscapine in a sweetened aromatic base.

INDICATIONS: A powerful inhibitor of the cough reflex and with a mild bronchodilating action, non-constipating. For the relief of cough in conditions such as asthmatic, bronchitic and whooping cough, in which codeine is contra-indicated.

DOSAGE: *Adults*: 2 teaspoonfuls of linctus, or 1 lozenge, every two to three hours. *Children*: five to fourteen years—half adult dose. Over fourteen years—as for adults.

HOW SUPPLIED: Linctus: In bottles of 4 oz. (114 mls) and 2 litres; and Lozenges: In catch cover of twenty lozenges.

FIRST ISSUED: January 1958.

REFERENCES: *J. Amer. pharm. Ass.*, 1957, **18**, 70, *J. Pharmacol.*, 1954, **112**, 99, *Wien. klin. Wschr.*, 1955, **67**, 306, *Indian J. med. Res.*, 1930, **18**, 35, *Experientia*, 1954, **10**, 473, *Med. Klin.*, 1955, **50**, 1788, *Amer. J. med. Sci.*, 1957, **234**, 191.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, May 3, 1958

### LEDERCORT tablets

MANUFACTURER: Lederle Laboratories Division, Cyanamid of Great Britain, Ltd., Bush House, Aldwych, London, W.C.2.

DESCRIPTION: Tablets each containing 4 mgm. of triamcinolone (9 $\alpha$ -fluoro-16 $\alpha$ -hydroxy-prednisolone).

INDICATIONS: Rheumatic and arthritic conditions, allergies, collagen disease, nephrosis, psoriasis, lymphomatous diseases, haemolytic anaemia, chronic eosinophilia, thrombocytopenic purpura and skin conditions responsive to corticosteroid therapy.

DOSAGE: *Adults*: 2 to 5 tablets daily in divided doses until symptomatic improvement—gradually reduced to optimum maintenance dosage levels— $\frac{1}{2}$  to 1 tablet every two to three days. *Children*: As determined by the condition.

HOW SUPPLIED: In bottles of thirty and 100 tablets.

FIRST ISSUED: April 1958.

REFERENCES: *J. Allergy*, 1957, **28**, 97, *J. Amer. med. Assoc.*, 1957, **165**, 1821.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, May 3, 1958

### HIBITANE dihydrochloride

MANUFACTURER: Imperial Chemical Industries, Ltd., pharmaceuticals division, Wilmslow, Ches.

DESCRIPTION: Chlorhexidine: bis-[p-chlorophenyldiguanido]-hexane dihydrochloride—a white crystalline powder soluble in water, 0.06 per cent. at 20° C.—more soluble in aqueous alcohol. M.p. 260–262° C.

INDICATIONS: An antibacterial with prolonged action. Creams containing 0.2 per cent. may be used in the prophylactic treatment of burns. Suitable antibiotics may be added. Creams containing up to 1 per cent. may be used for the therapy of infected skin conditions and burns. Up to 1 per cent. in a lactose or calcium phosphate base may be used as a wound dusting powder.

HOW SUPPLIED: In bottles of 10 gm. and (hospitals only) 100 gm.

FIRST ISSUED: February 1958.

NOTES: Compatible with antibiotics and sulphonamides. Should not be applied to the meninges.

REFERENCES: *Practitioner*, 1957, **179**, 489, *Brit. med. J.*, 1955, **i**, 985; *ibid.*, 1955, **i**, 81; *ibid.*, 1957, **ii**, 200, *Brit. J. Pharmacol.*, 1954, **9**, 192, *Lancet*, 1957, **i**, 862, *ibid.*, 1957, **ii**, 1157.

Cross reference for card index:

**CHLORHEXIDINE**: See Hibitane.



## TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, APRIL 30: Substantially the same conditions obtained in the markets during the past week as have prevailed since the beginning of the year. Some business was done in Costa Rican IPECACUANHA at about 76s. per lb., c.i.f., but offers were limited to small lots; no business was reported in Colombian or Matto Grosso varieties.

The almost continuous rise in the cost of Cape ALOES since the end of 1957 appears to have halted and a less firm tone was perceptible. After being absent from the market for some time CALUMBA root was again offered on the spot, 100s. per cwt., being quoted. ARECA NUTS were lower by 7s. 6d. per cwt., and SHELLAC by 5s. In the forward position GUM ACACIA was firmer by 5s. per cwt., and Aleppy green CARDAMOMS were down by three-halfpence per lb. GINGER continued to ease with the African down by 5s. per cwt., on the spot and Jamaican, 30s. per cwt.

Among ESSENTIAL OILS where any prices occurred they were usually to the buyer's advantage. Formosan CITRONELLA lost threepence per lb. for prompt shipment, and on the spot, Chinese and Formosan PEPPERMINTS were down also by threepence per lb. The manufacturers of PREDNISONE, and PREDNISOLONE have increased their output sufficiently to enable lower prices for their products. STREPTOMYCIN and DIHYDROSTREPTOMYCIN are also quoted lower.

### Pharmaceutical Chemicals

ACETIC ACID. — B.P. glacial in 10-ton lots is £104 per ton naked and technical £91. Carboys are £8 and demijohns, £10 per ton extra. Single carboys cost 1s. 8d. per lb. (3s. 8d. per kilo).

ACETANILIDE. — 1-cwt. lots are 2s. 10d. per lb. for crystals and 5-cwt., 2s. 9d. Powder is 1d. per lb. more.

ADRENALINE. — Rates for synthetic B.P. are from 1s. 1d. (500-gm. lots) to 1s. 6d. (10-gm.) per gm. and ACID TARTRATE, B.P., from 9d. to 1s.

ALCOH. — Spot offers (14-lb. lots) are 28s. 9d. per lb.

ALUMINIUM HYDROXIDE. — One-cwt. lots of B.P.C. 1943 are 3s. 3d. per lb.

AMMONIUM BICARBONATE. — The B.P. powder is £50 5s. per ton; CARBONATE is £81 10s. for lump and £85 10s. for powder, all delivered terms.

BARIUM SULPHATE. — 250-kilo lots of B.P. (x-ray) are now 3s. 3½d. per kilo.

BISMUTH SALTS. — The following are the prices (per lb.) in largest bulk packages:—

	28 lb. to 1-cwt.	1-cwt.	5-cwt.
	s. d.	s. d.	s. d.
CARBONATE ..	22 3	21 9	21 4
SALICYLATE ..	21 9	21 4	20 10
SUBGALLATE ..	21 1	20 8	20 2
SUBNITRATE ..	20 5	20 0	19 6

The 1-cwt. rates (per lb.) for other salts are:—CITRATE, B.P.C., 22s. 8d.; NITRATE, crystal, 14s. 8d.; OXIDE, B.P.C., 27s. 7d.; OXYCHLORIDE, B.P., 27s. 9d.; OXYIODOGALLATE, B.P.C., 28s. 9d.; SODIUM TARTRATE, 35s. 6d.; and TRIBROMPHENATE, B.P.C., 26s. 9d.

CAFFEINE. — Minimum rates for 5 cwt. or 250-kilos and over are as follows (kilo price in parentheses):—MONOHYDRATE, 17s. 6d. per lb. (38s. 9d.); ANHYDROUS, 18s. (39s. 9d.); CITRATE, 11s. 6d. (25s. 3d.); and SODIUM BENZOATE, 13s. 3d. (29s. 3d.); SODIUM IODIDE, 22s. 6d. (49s. 6d.); and SODIUM SALICYLATE, 14s. 9d. (32s. 3d.).

CHALK. — Prepared powder, B.P., is £22 per ton for minimum 1-ton lots ex works.

CHINIOFON. — B.P. 1948 is 67s. per kilo; 50-kilo lots, 62s. 6d. per kilo. The sodium derivative (B.P. 1953) is 99s. 4d. and 92s. 9d. for the same quantities.

ETHER. — Prices (per lb.) in winchesters are as follows:—TECHNICAL, B.S.S., and SOLVENT, 5-cwt., 2s. 7d.; (4s. 1½d. litre). In drums the price is 2s. 2d. per lb. ANÆSTHETIC, B.P., 5-cwt., 3s. 10d.; 10-cwt., 3s. 9d.

GLYCERIN. — Rates for pharmaceutically pure are as follows:—

Annual purchases or spot lots of	Under 1-cwt.	1-cwt. and under 5-cwts.	5-cwt. and under 1 ton	1 ton and under 5 tons	5 tons and under 25 tons
Per cwt.	s. d.	s. d.	s. d.	s. d.	s. d.
TINS					
14-lb.	241 0	236 6	232 6	228 0	225 6
28-lb.	239 0	234 6	230 6	226 0	223 6
56-lb.	235 0	230 6	226 0	222 0	219 6
DRUMS					
1-cwt.	—	214 6	210 6	206 0	204 6
2½-cwt.	—	211 6	208 0	203 6	202 0
5-cwt.	—	—	207 6	203 0	201 6
10-cwt.	—	—	206 0	202 6	201 0

For 25 tons and upwards the price is from 200s. to 225s. 6d. as to containers. Bulk deliveries in tank wagons from 197s. 6d. to 198s. 6d. Pale straw industrial glycerin, s.g. 1.260, is 5s. per cwt. less than the above.

IODIDES. — Current quotations (per lb.) include the following:—

	28-lb.	1-cwt.	5-cwt.
	s. d.	s. d.	s. d.
POTASSIUM ..	8 6	8 3	8 0
SODIUM ..	13 0	12 9	12 3
AMMONIUM ..	21 9	20 5	—

IODINE. — Resublimed is 13s. 2d. per lb. in 1-cwt. lots, or 12s. 8d. in 5-cwt. lots. Minimum delivered rate for CRUDE is now 15s. per kilo.

IODOFORM. — Powder is 22s. 4d. per lb. in 28-lb. lots; 21s. 8d. in 1-cwt. and 21s. 1d. in 5-cwt. lots. Crystals are 3s. per lb. more than the powder.

MAGNESIUM TRISILICATE. — In 28-lb. packages the prices (per lb.) are now as follows:—28-lb., 4s. 9½d.; 1-cwt., 3s. 10d.; 5-cwt., 3s. 7d.; 1-ton, 3s. 1d.

MANDELIC ACID. — In 1-cwt. lots the price is 12s. 6d. per lb. with the CALCIUM SALT also 12s. 6d. SODIUM MANDELATE is 13s. and AMMONIUM MANDELATE 50 per cent. solution, 7s. 6d.

METHYL SALICYLATE. — Five-ton lots are 3s. per lb.; 1-ton, 3s. 0½d.; 10-cwt., 3s. 1d.; 5-cwt., 3s. 2d.; 1-cwt., 3s. 3d.

METOL. — In 1-cwt. lots the price is 24s. 6d. per lb.

OLEIC ACID. — Price of pale distilled is £176 per ton in 3½-cwt. original loaned drums, and B.P., £185 10s.

OXALIC ACID. — Manufacturers' rates for 1-ton lots are from £128 10s. per ton, delivered in free kegs.

PARAFFINS. — Prices to wholesale distributors are:— *Liquid*: HEAVY, B.P., £107 17s. 6d. per ton; LIGHT, B.P., £87 15s.; *Technical White oils*, £79 5s. for the LIGHT and £92 15s. for the MEDIUM, all in 40-50 gall. returnable loaned drums, delivered U.K. *Soft*: WHITE, medium consistency is now £110 15s. per ton. WHITE, soft consistency, £107 7s. 6d., and YELLOW, £88 10s. all B.P., in non-returnable drums delivered.

POTASH SULPHURATED. — Lump, B.P.C., is 2s. 4d. per lb. in 1-cwt. lots.

POTASSIUM BICARBONATE. — B.P. powder is 110s. per cwt. for 1-4-cwt. lots and 105s. per cwt. for 5-cwt. and over.

POTASSIUM BROMATE. — In 5-cwt. lots the price is 5s. 3d. per lb.

POTASSIUM CHLORIDE. — In 1-cwt. lots B.P., is 1s. 6d. per lb.

POTASSIUM HYDROXIDE. — B.P. sticks are from 6s. 8d. per lb. and pellets, 5s. 1d.; technical flake, 1s. 4d.

POTASSIUM 8-HYDROXYQUINOLINE SULPHATE. — 1-kilo is 47s. 1d. and 50 kilos, 44s. per kilo.

POTASSIUM NITRATE. — Pharmacopoeial quality is 100s. per cwt. (crystal or powder) in 1-cwt. lots.

POTASSIUM PERMANGANATE. — Current rate for B.P. material for 1-cwt. lots is 1s. 11½d. per lb. Technical is 204s. 6d. per cwt. and £193 10s. per ton.

POTASSIUM QUADROXALATE. — One-cwt. lots are 3s. 6d. per lb.

POTASSIUM SULPHATE. — One-cwt. lots are from 1s. 2d. to 1s. 3d. per lb.

POTASSIUM THIOCYANATE. — One-cwt. lots are 5s. 6d. per lb.

QUINIDINE. — Prices are as follows:—

Home Trade	500-oz. or more	100-400 oz.
	per oz.	per oz.
	s. d.	s. d.
QUINIDINE	7 11½	8 1½
ALKALOID ..	9 4½	9 6½
GLUCONATE ..	6 7	6 9
HYDROBROMIDE ..	6 9	6 11
HYDROCHLORIDE ..	6 0	6 2
SULPHATE ..	—	—
HYDROQUINIDINE	11 2	11 4
HYDROCHLORIDE ..	8 6½	8 8½
GLUCONATE ..	—	—

For export quinidine alkaloid ranges from £12 12s. 3d. to £12 17s. 4d. per kilo and sulphate from £9 10s. 5d. to £9 15s. 6d.

RESORCINOL. — 1-cwt. lots are now quoted at 13s. per lb. by manufacturer.

SILVER SALTS. — PROTEIN, 36s. 3d. to 42s. 9d. per lb.; VITELLIN from 68s. 6d. to 76s. 6d. per lb. as to quantity.

SULPHOCARBOLATES. — SODIUM PHENOLSULPHONATE, B.P.C., 1949 (powder) is 5s. 6d. per lb. in 1-cwt. lots and ZINC, B.P.C., 1949, is 5s. 6d.

THEOPHYLLINE. — ALKALOID, ANHYDROUS, is quoted at 20s. per lb. and B.P., 19s.; AMINOPHYLLINE, 18s. 6d. per lb.

### LONDON EXCHANGE RATES

At the opening on Wednesday

Alexandria ..	Piastres to £	97½-97¾
Amsterdam ..	Florins to £	10.56-10.72
*Bombay ..	Shillings to rupee	1/5 11-1/6 1/2
Brussels ..	Francs to £	138.95-141.05
Copenhagen ..	Kronor to £	19.19½-19.48½
Frankfurt ..	D Marks to £	11.67½-11.84½
*Hong Kong ..	Shillings to \$	1/2 11-1/2 11
*Karachi ..	Shillings to rupee	1/5 11-1/6 1/2
Lisbon ..	Escudos to £	79.90-81.10
*Montreal ..	Dollars to £	2.73½-2.73¾
New York ..	Dollars to £	2.78-2.82
Oslo ..	Kronor to £	19.85-20.15
*Paris ..	Francs to £	1,167.18-1,184.82
Stockholm ..	Kronor to £	14.37½-14.59½
*Singapore ..	Shillings to \$	2/3 11-2/4
Zurich ..	Francs to £	12.15½-12.33½

\*Free market rates; remainder Bank of England. Bank rate: 6 per cent. from March 20.



## Crude Drugs

**ALOE.** — Cape prime on the spot is 262s. 6d. per cwt.; shipment, 250s., c.i.f., nominal.

**ANISE (STAR).** — Chinese is 130s. per cwt. c.i.f., and 140s. spot in bond.

**ARECA NUTS.** — F.a.q. quoted at 60s. and selected, 140s. per cwt. landed.

**BALSAMS.** — Quotations (per lb.) are: — CANADA: Spot, 25s. COPAIBA: Para from 8s. to 10s. duty paid. PERU: Spot, 10s. 3d. in bond and 11s. 3d., duty paid. TOLU (genuine as imported): 24s. 6d.; B.P., 17s.

**BELLADONNA.** — Herb is 2s. 6d. per lb. on the spot. ROOT 1s. 10d. spot; shipment, 1s. 3d., c.i.f.

**BENZON.** — Sumatra No. 1 block on the spot is 520s. to 540s. per cwt. (465s., c.i.f.).

**BUCHU.** — Spot rounds are 7s. per lb. New-crop for shipment, 6s. 3d., c.i.f.

**CALAMUS.** — Dutch root is quoted at 1s. 4d. per lb., c.i.f.

**CALUMBA ROOT.** — Spot offers are 100s. per cwt.

**CARDAMOMS.** — Aleppy greens are 14s. 6d. per lb. on the spot; shipment, 13s. 3d., c.i.f. No. 1 seed for shipment, 19s. 3d., c.i.f.; spot cleared.

**CASSIA.** — Selected whole bark for shipment is 200s. per cwt., c.i.f., and extra-selected broken, 187s. 6d., c.i.f. Spot market virtually bare. *C. fistula*, new crop, 90s. per cwt.

**CHERRY BARK.** — Thin natural is from 1s. 9d. per lb., duty paid, and rossed 2s., on the spot.

**COCHINEAL.** — Silver-grey Peruvian quoted 7s. 9d. per lb., c.i.f.; spot: Canary Isles black-brilliant 25s.; silver-grey, 18s. 6d.

**COCILLANA.** — Bark is 1s. 7d. per lb. on the spot.

**COLOCYNT PULP.** — Spot, 4s. per lb., duty paid.

**GINGER.** — African, 105s. per cwt. on the spot; new-crop for shipment, 105s., c.i.f. Jamaican No. 3 on the spot is 365s. per cwt. May shipment (new crop), 320s., c.i.f. Cochon spot, 95s.

**GUM ACACIA.** — Kordofan cleaned sorts are 132s. 6d. per cwt. on the spot; May-June shipment, 124s., c.i.f.

**HENNA.** — Indian on the spot is 75s. per cwt.

**JALAP ROOT.** — Brazilian, untested is offered at 2s. per lb. on the spot.

**KARAYA.** — No. 1 gum on the spot is quoted at 220s. per cwt. and No. 2 at 150s.

**KOLA NUTS.** — Jamaican are offered at about 8d. per lb. spot, and 6½d., c.i.f. African, 5½d. spot and 4½d., c.i.f.

**LANOLIN.** — ANHYDROUS, B.P., is from 170s. to 175s. per cwt. in 1-ton lots and HYDROUS, B.P., 150s., free drums, delivered.

**LIQUORICE.** — Natural root: Persian to arrive is 45s. per cwt. Block juice: Anatolian, 210s. per cwt., spot. Italian stick from 310s. to 476s. per cwt. Spray-dried extract, 2s. 10½d. per lb.

**LOBELIA HERB.** — Spot offers are from 4s. 6d. to 4s. 9d. per lb. Dutch for shipment, 4s. 4d., c.i.f.

**MACE.** — Whole on the spot is from 23s. 6d. per lb.

**MENTHOL.** — Chinese is 51s. per lb., duty paid and 48s., c.i.f.; Brazilian, spot, 37s., duty paid, shipment, 33s. to 33s. 6d., c.i.f. Formosan for shipment, 38s. 6d., c.i.f.; Japanese, 45s., c.i.f.

**MERCURY.** — Price per flask (76-lb.) is £76 to £77 on the spot.

**NUTMEGS.** — West Indian 80s. 17s. per lb., spot; sound unassorted, 13s. 6d.

**ORANGE PEEL.** — West Indian bitter quarters are 1s. per lb.; Spanish, 1s. 4d.; thin-cut Tripoli, 2s. 3d.

**ORRIS ROOT.** — Florentine is 330s. per cwt. Firm at origin.

**PEPPER.** — White Sarawak is 2s. 7½d. per lb. on the spot with May shipment now 2s. 6½d., c.i.f. Black Sarawak is quoted at 1s. 7½d., on spot, with May shipment at 1s. 6½d., c.i.f. Black Malabar on spot is quoted at 220s. per cwt. and May-June shipment at 210s.

**PEPPERMINT LEAVES.** — Dutch new-crop for shipment, 2s. 6d. per lb., c.i.f.

**PIMENTO.** — Shipment is 540s. per cwt., f.o.b.

**PODOPHYLLUM.** — *Emodi* spot value around 200s. per cwt. *Peltatum*, spot, 4s. 3d. per lb.; shipment is short at 450s., c.i.f.

**PYRETHRUM.** — Extract, minimum 25 per cent. w/w pyrethrins, is 72s. per lb.

**QUASSIA.** — Chips on spot are offered at 55s. per cwt. and for shipment at 32s. 6d., c.i.f.

**QUILLAIA.** — Spot offers of whole bark at 165s. per cwt.; cut, 197s. 6d.; crushed, 200s. Whole for shipment, 110s., c.i.f.

**RAUWOLFIA.** — *Canescens*, 2s. per lb., c.i.f.; *Vomitaria*, 2s. 3d., c.i.f.; *Serpentina*, 6s., c.i.f. asked.

**RHUBARB.** — Quotations for Chinese are from 6s. per lb., as to quality. Best grades short on spot.

**SAFFRON.** — Spanish is quoted at 245s. per lb.

**SARSAPARILLA.** — Jamaican native red on the spot is 2s. 5d. per lb. Shipment, 2s., c.i.f.

**SEEDS.** — (Per cwt.). **ANISE.** — Cyprian, 162s. 6d., spot. **CARAWAY.** — Dutch unchanged at 92s. 6d., spot, duty paid.

**CELERY.** — Indian is easier at 175s., on spot, for shipment (new crop) June-July, 132s. 6d., c.i.f., quoted. **CORIANDER.** — Spot, Moroccan, 52s. 6d., in bond and 60s., duty paid. Rumanian, 62s. 6d., duty paid. Moroccan for shipment, old crop and new crop, June-July sold at 45s., c.i.f. **CUMIN.** — Cyprian nominal at 205s., spot. For shipment, 180s., c.i.f. **DILL.** — Indian is dearer at 70s., spot, and shipment, 60s., c.i.f. **FENNEL.** — Chinese now offering at 137s. 6d., in bond and 155s., duty paid. Indian, 170s. **FENUGREEK.** — Moroccan is quiet at 50s., duty paid. **MUSTARD.** — English 70s. to 80s., according to quality.

**SHELLAC.** — F.O.T.N., 185s. per cwt., F.O. No. 1, 205s.; fine orange, 225s. to 295s.

**SLIPPERY ELM.** — Grinding quality bark is 2s. 7d. per lb.

**SQUILL.** — White is unobtainable on the spot.

**STRAMONIUM.** — Indian LEAVES are 70s. per cwt., and European 80s. on the spot.

**STROPHANTHUS.** — *Kombé* on the spot is 8s. 6d. per lb. for the 100 per cent.; *gratus* is unobtainable spot and forward.

**STYRAX.** — Spot cleared and no direct shipment offers.

**TONQUIN BEANS.** — Para on the spot are offered at 8s. 6d. per lb. Shipment, 7s. 6d., c.i.f.

**TRAGACANTH.** — No. 1 ribbon is £125 to £130 per cwt., No. 2, £115 to £120.

**TURMERIC.** — Madras finger on the spot is 55s. per cwt.

**VALERIAN ROOT.** — Spot: Indian (with rootlets) is 130s. and Belgian, 175s. to 195s. per cwt. Dutch (max. 2½ per cent. sand) for prompt shipment, 168s., c.i.f.

**VANILLIN.** — Rates (per lb.) are now: — 5-cwt. lots, 25s. 3d.; 1-cwt., 25s. 6d.; 55-lb., 25s. 9d.; smaller quantities, 26s.

**WAXES.** — (Per cwt.). **BEES.** — Dar-es-Salaam, spot, 510s., shipment, 495s., c.i.f.; Sudanese, 470s., spot, in bond and 445s., c.i.f. Abyssinian, spot, 470s. in bond; shipment, 445s., c.i.f. Benguela spot, 510s., duty paid; shipment, 465s., c.i.f. **CANDELLILA.** — Spot, 460s. **CARNAUBA.** — Fatty grey, spot, 565s.; for shipment, 550s., c.i.f. Prime yellow, spot, 1,000s.; shipment, 930s., c.i.f.

## Essential and Expressed Oils

**ALMOND.** — British oil is 8s. per lb. Moroccan, 6s. 9d., in bond.

**AMBER.** — Rectified on the spot is 1s. 6d. per lb.

**ANISE.** — Chinese, from 9s. 3d. per lb., spot; shipment, 7s. 9d., c.i.f.

**BAY.** — West Indian is 12s. 6d. per lb. on the spot.

**BERGAMOT.** — Spot supplies are from 86s. 6d. per lb. for 38 per cent. oil. Only 39 per cent. oil available at origin.

**BOIS DE ROSE.** — Brazilian is 22s. 6d. per lb. on the spot and 21s. 9d., c.i.f.

**CAJUPUT.** — Spot supplies are from 10s. 6d. per lb.

**CALAMUS.** — Spot quotations are 62s. 6d. per lb.

**CANANGA.** — Spot is from 47s. 6d. to 52s. 6d. per lb.

**CITRONELLA.** — Ceylon, spot unchanged at 4s. 1½d.; shipment, 3s. 9½d., c.i.f. Formosan, prompt shipment, 4s. 4½d.; July-August shipment, 4s. 1½d. per lb.; spot: 5s., in bond.

**CLOVE.** — Madagascar leaf is 6s. 4½d. per lb., duty paid and 5s. 9d., c.i.f., for shipment. Rectified 87-88 per cent., 9s. 3d. Distilled bud oil, English, B.P., 26s. 6d. to 27s. 6d.

**CORIANDEr.** — B.P. oil is quoted from 70s. per lb.

**CUMIN.** — Quotations for English-distilled oil are about 90s. per lb.

**DILL.** — B.P. imported is 36s. per lb.

**EUCALYPTUS.** — Australian 70 to 75 per cent. eucalyptol on the spot is 4s. 9d. per lb. 80 to 85 per cent., 5s. 6d. Spanish (70 to 75), 4s. spot.

**GERANIUM.** — Bourbon is 105s. per lb. on the spot and Algerian, 92s. 6d.

**LEMON.** — Prices of B.P. oil are from 25s. to 45s. per lb. on the spot according to quality. Californian for shipment, 25s. to 28s. 6d., c.i.f.

**LEMONGRASS.** — Spot is 7s. 1d. per lb., and May-June shipment, 6s. 9d., c.i.f.

**LIME.** — West Indian distilled is in the region of 60s. per lb. on the spot.

**NUTMEG.** — Imported B.P. oil is about 97s. 6d. per lb. English-distilled, 125s. to 165s. as to quantity.

**PALMAROSA.** — East Indian, 25s., spot, and 20s., c.i.f.

**PATCHOULI.** — Penang is 27s. 6d., in bond, and 25s., c.i.f. Seychelles, 31s., spot.

**PEPPERMINT.** — *Arvensis*: Chinese is scarce at 24s. 9d. per lb. on the spot and 23s., c.i.f. Brazilian, 10s. 6d., spot and 8s., c.i.f. Formosan, 17s. 3d., spot; new-crop for June-July shipment, 15s., c.i.f. Italian "Mitcham" type oil on spot is from 42s. 6d. to 50s.; American 27s. 6d. to 30s., as to origin.

**SAGE.** — Spanish is 8s. 6d. per lb.; Dalmatian, 37s. 6d.

**SANDALWOOD.** — Mysore offered from 81s. to 87s. per lb. as to source. East Indian, 72s., spot.

## UNITED STATES REPORT

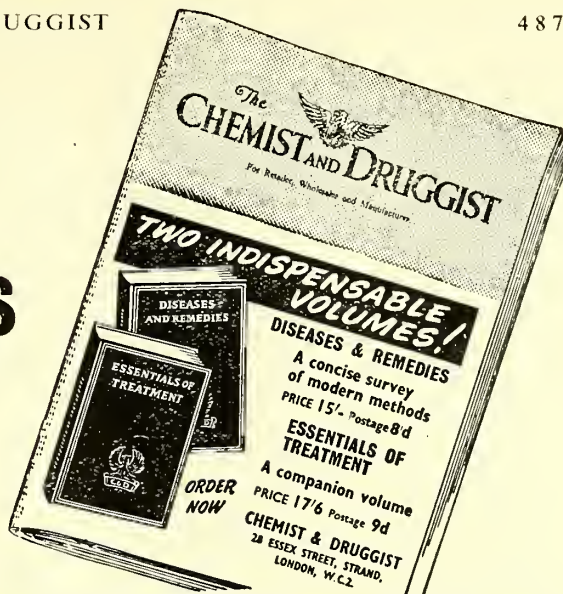
NEW YORK, APRIL 29: Spot prices for racemic MENTHOL dipped 25 cents to \$4.50 a lb. because of freer arrivals from Germany. Purified PAPAIN firmed to \$16.00 a lb. (up \$4). Lower per lb. were whole QUILLAIA at 25 cents, down one cent, and crushed bark at 31 cents, down two cents; and TOLU BALSAM at \$3.15, down ten cents. Higher per lb. were sweet West Indian ORANGE OIL at \$3.25 (up 25 cents); Bourbon GERANIUM, \$15.75 (75 cents); and CUBEBA, \$13 (up 75 cents). Lower per lb. were LAVANDIN at \$1.50 (down 25 cents); and PATCHOULI, \$4.90 (ten cents).



*The*  
**CHEMIST AND DRUGGIST**  
**POST-BUDGET PRICES**

New selling prices of taxed  
cosmetics, cameras, etc.

SUPPLEMENT TO LIST PUBLISHED APRIL 26.



IN general products are listed below under their own proprietary names rather than that of the manufacturer, unless they are more familiar under the name of the maker. As that is to some extent a matter of opinion, it is advisable to try both ways before concluding that any particular item is not listed.

## Numbers

2100 oils	2	6
4711		
large wickered bottle	85	0
medium wickered bottle	47	6
small wickered bottle	27	0
original shape	42	6
	27	6
	16	0
	8	9
watch shape	5	0
trial size	3	6
decanter	40	0
	45	0
solid eau-de-Cologne	4	6
hand cream	4	3
lavender talcum	4	0
eau-de-Cologne talcum	4	0
Tosca talcum	4	0
Rhine lavender bath salts	8	6
eau-de-Cologne bath salts	8	6
bath cubes	4	0
Rhine lavender	15	6
	10	0
	5	9
solid Rhine lavender	5	6
solid Tosca eau-de-Cologne	5	9
matt creme	3	0
	1	9
	5	10
	jar	

## A

Anzora	2 9
	4 0
Viola	2 9
	4 0
Nuzora	2 9
brilliantine	2 9
after-shave lotion	2 9

**B**

Balenciaga perfumes:			
Quadrille, Le Dix, La			
Fuite des Heures	$\frac{1}{8}$ oz.	18	6
	$\frac{1}{4}$ oz.	42	0
	$\frac{1}{2}$ oz.	72	6
	1 oz.	130	0
	2 oz.	197	6
	3 oz.	280	0

eau de toilette	3 oz.	280	0
Quadrille, Le Dix, La			
Fuite des Heures	2 oz.	29	6
	4 oz.	49	0
	8 oz.	89	0
	16 oz.	126	0
bath oils, Le Dix, Quad-			
rilla		9	3
Beach suntan		2	7
Bel cotton wool dispenser		7	6

## Bik-Dan

Bikini suntan cream	2	3
oil	2	3
summertan sprays	5	0
Bronnley's		
turtle oil		
talcum powder	3	6
bath cubes	3	6
pine		
bath cubes	3	3
bath essence	10	0
Ess Viotto	5	0
	8	0
brilliantine, violet or		
jasmin	3	3
Macassar oil	3	3
oatmeal cream	5	0
	6	9
hand and complexion		
cream	5	0
hand cream	8	0
bath crystals	7	9
	13	3
suntan lotion	4	6
Blossoms & Dew		
talcum powder	4	2
cubes	3	11
dusting powder	7	10
Men's		
pre-electric shave lotion	7	6
	4	6
after shave lotion	7	6
	4	6
talcum powder	4	6
brilliantine	6	4
	4	3
bay rum	6	4
	4	3
honey and flowers	6	4
	4	3
after shave cream	5	10

## C

Coutts	hair	tonic	extra	12	6
large				6	11
Credo	stick	deodorant			
Cullingford				4	9
	bath	essence		11	9
				19	6
	after-shaving	lotion		2	9
				6	3
	bath	gems		5	6
	bath-time	pack		5	6
Culmak	drier	and	used		
	blade	box		4	9
Cuticura	hand	cream		2	11
		talcum		2	3

## D

Dana perfumes	357	0
tabu, canoe, bolero	199	6
	99	9
	57	6
	31	9
	27	11
	19	3
	11	6
20 carats, platine	99	9

## Dan-Fre

		58	9
		27	11
		19	3
		11	6
emir		199	6
		105	0
		67	6
		45	6
		27	11
		19	3
		11	6
voodoo		199	6
		105	0
		67	6
trial size tabu, canoe,		7	0
emir, 20 carats		31	9
aerosol perfume atomiser			
coffrets			
137		99	9
131		82	10
RSC		34	3
2025		58	9
102bis		117	6
103bis		75	0
Colognes			
bolero		54	6
		28	0
		15	9
tabu		187	6
		101	6
		54	6
		28	0
		15	9
canoe		50	0
		25	0
		15	9
emir		187	6
		101	6
		54	6
		28	0
		15	9
20 carats		50	0
platine		50	0
solid Cologne		7	9
bath oil		46	0
		10	6
talcum powder		9	9
		9	9
sachets		3	6
danamask		19	6
		14	9
Dols' flannel	36 x 28 in.	24	0
	18 x 28 in.	12	0
	9 x 28 in.	6	0
	13 x 14 in.	4	6
		2	7
sox			
finger and thumb-			
stall		2	0
Dolsnugs		6	6

## E

Emolan hand cream	2	6
-------------------	---	---

**F**

French of London		
spray set lacquer	8	5
refill	4	8

**Gla-Nuc**

Gladys Cooper hair removing mittens	14	6
-------------------------------------	----	---

## H

Hand's cream	1 1
	1 11

## 1

Johnson's dental floss	1	6
	2	7
	3	11

## L

Ladye, Jayne curl clips	9
477/5	
Lentheric Tweed brillianine	6 3
shampoo	5 9
skin food	14 6
foundation cream	7 6
clean-up cream	10 6
skin tonic	6 3
clean-up milk	6 3
hand cream	7 6
foundation lotions	8 6
face powders	5 3

Linc-o-lin Hair-Do	7	9
hand cream	8	6
lacquer spray	5	6
refill	1	6
Lister's dental floss	1	7

## M

Maw's toilet lanoline, tube	1	6
jar	4	6

Millot perfumes			
Crepe de Chine			
perfumes (plain)	4420	26	3
	4421	42	0
	4422	71	6
	4425	132	0
	4028	252	0
perfumes (de luxe)	4320	33	9
	4221	34	9
	4222	84	0
	4224	140	0

perfumes (handbag size)	4211	28	6
perfumes (snuff box)	4210	36	9
eau de Cologne	4244	15	3
	4245	26	6
	4246	46	9
	4247	81	6
	4248	147	6
talc	4275	15	3
bath oil (box of six)	4277	55	6
face powder	4364	17	6
Modest belts	adjustable	1	1
	luxury	1	1

2

Nailoid	1
Nair depilatory lotion	3
Nuctol	2
	3

**Nuc-Ste**

Nuctone ordinary and eclairc	4 1
concentré and eclaire concentré	5 8½

**O**

Omy bath essence	7 6
	19 6
	39 0
dusting powder drum	11 6
talcum puffer pack	7 0
sachet boule	4 6
perfume in gift box	17 6
coffret No. 1	16 6
No. 2	14 0

**P**

Prom home permanent	8 3
end curl	4 9

**S**

Skol toilet creams	2 7½
	4 4½
Soltan infra-red lamps EM.120T	83 3
EM.121T	96 0
ultra-violet-ray lamps (carbon-arc)	
EM.101/TM.	147 3
EM.104/TM.	172 10
violet-ray high frequency massage apparatus	
EM.HF.6P	320 1
Steiner D.C. lotion	8 6
eau dentifrice	5 9
	7 3
	11 9
brilliantine	5 6
setting lotion	8 3
starmist	6 6
blue essence rinse	11 6
gun-metal rinse	5 9
	5 9
lacquer sheen	9 6
plastic spray	8 6
super spray	14 6
Sebosyn hair food	6 3
	9 6
	52 6
handmilk	7 9

**Ste-Tho**

liquiglove	6 3
smart set	8 9
Flair razor	6 3
face to face	8 3
creamy way	8 3
milky way	8 3
refresh	8 3
mink perfume	36 9
Middi Purser	14 9
toilet water	16 9
"66" perfume	13 9
eau de Cologne	13 9
slip-on finger nails	19 6
individual nails	2 6
Steinerlix	2 6
Swandown face powder	2 7
foundation cream	2 4
	2 4
skin velvet	4 0
skin food	2 3
beauty film	3 4
	5 8
Skin Glo	1 7
	5 8
	3 4
	1 11
Fresh Up	5 8
	3 1
turtle oil cream	7 9
	5 8
	1 11
lotion	7 9
	5 8
face mask	10
cover tint	1 6
cream rouge	2 3
Lip Glo	
propelling case	5 8
push-up case	2 3
hair lacquer	2 3
eye shadow	1 2

**T**

Talika eyelash grower	18 11
Tip Toni	4 9
Toni home permanent	8 3
Toni spin curlers	
42 pack	8 2
	2½
	large each
	midget each
Travelux electric recharge- able dry shaver	179 9
Thorens Riviera dry shaver luxury pack	210 0

**Tri-Wor**

Trims	1 4
V	
Vaseline hand cream	2 1
hair tonic	2 9
	3 9
hair cream	1 10
	2 9

**W**

Worth Perfumes	
Dans la nuit	
O	40 0
P1	73 6
	126 0
56	151 6
1	252 0
S3	28 0
37	33 9
36	
Vers toi	
D0	52 6
D1	92 6
D37	28 0
D36	33 9
Je Reviens	
C0	52 6
C1	92 6
C56	160 0
C2	185 0
C3	315 0
C37	28 0
C36	33 9
Imprudence	
G0	52 6
G1	92 6
G56	160 0
G3	315 0
G37	28 0
G36	33 9
Requete	
J0	54 9
J1	101 0
J2	273 0
J3	353 0
J37	28 0
J36	33 9
Vers Le Jour Sans	
Adieu Projects	40 0
	73 6
	126 0
	252 0
florals	
Gardenia	31 6

**Wor-You**

Lilas	31 6
Rose	31 6
Jasmin	31 6
Ocillet	59 0
eaux de Cologne	104 17 6
Dans la Nuit	105 29 6
Je Reviens	106 50 0
Imprudence	107 90 0
	108 168 0
eaux de toilette	23 6
Dans la Nuit	42 0
Je Reviens	70 0
Imprudence	131 0
Requete	221 0
lotions	17 6
Dans la Nuit	29 6
Je Reviens	50 0
Imprudence	90 0
Requete	168 0
bath oil	
Je Reviens	21 0
Dans la Nuit	12 9
Imprudence	12 9
Dans la Nuit	21 0
Imprudence	21 0
talc	
Dans la Nuit	13 6
Je Reviens	13 6
face powder	
C64	17 0
dusting powder	
Dans la Nuit	45 25 3
Je Reviens	C145 32 6
Wright's coal tar talcum powder	2 0

**Y**

Youthexa skin food cream	6 7
	9 11
tonic clay pack	6 7
	9 11
hand cream	6 7
	9 11
astringent cream	6 7
	9 11
hand balm	1 7
	9 11
ant-grease scalp pack	6 7
	9 11
tonic eyelash cream	5 9
hair tinting crayon	5 9
easy hair tint	5 9

**PHOTOGRAPHIC DEPARTMENT PRICE CHANGES****ACTINA, LTD.**

Filter glasses (all colours, except haze colour and colour temp.)	
18 to 24-mm.	3 11
25 to 35-mm.	4 9
36 to 41-mm.	6 7
42	11 11
43 to 45-mm.	17 11
46 to 49-mm.	15 0
haze colour	
18 to 24-mm.	6 0
25 to 35-mm.	6 10
36 to 41-mm.	9 10
colour temp. (incl. A to D cov.)	
18 to 24-mm.	6 10
25 to 35-mm.	9 0
36 to 38-mm.	12 7
polarising filters	
All diameters 19 to 38-mm.	11 11
filter holders and lens hoods	
adjustable	9 0
compact (brass) in plastic box	6 10
combined hoods and holders	9 10
brass hoods	6 3
alloy hoods	4 9
alloy push-on holders	5 8
retaining rings	2 8
leather hood cases (all sizes)	7 2
rexine filter purse	2 8
hood and holder case (rexine)	3 3
Schacht lenses	
f/3.5 (50-mm.)	2 in. 132 1
f/3.5 (75-mm.)	3 in. 146 5
Supp. lenses	4 9
Tripods	
Stabilo 1104	35 10
1124	39 9
1114	59 9
1115	79 9
1125	99 9
Bilort 1007	79 9

1017	91 5
2017	91 5
2037	113 6
cine tripod	1404 233 0
Rotax tripod	199 10
Bilora ball and socket	
head	1000 27 9
junior pan and tilt head	1420 51 3
cine pan and tilt head	1410 116 6
reversible plates	3 3
reversible bushes	2 8
Tripod carrying cases	
canvas for Stabilo tripods	10 9
leather	24 10
flat leather for Bilorets	14 11
round	17 11
Rotax or cine	51 5
Actino meters	
Actinos	137 5
Actino U	109 11
case for Actino U	7 2
Practos meter	34 8
case for Practos	4 2
Cameras	
Bilora Bella 46D (grey)	99 9
46 (black)	99 9
66D (grey)	99 9
44	109 11
35	219 11
leather case for Bella 35	34 1
composition cases for other Bellas	24 10
Bella 66 (black)	79 9
Regula III-a	395...3
III-b	567 4
Cita III f/2.8 Cassar	772 0
f/2.8 Tessar	994 6
e.r. case for all above models	49 7
Regula III-d f/2.8	
Ennit	955 8
without lens	760 11
e.r. case for Regula III-d	66 7

Miller cine	
with f/2.5 N.O.C. lens	537 9
with f/1.9 Dallmeyer lens	717 0
leather case	48 5
e.r. case	68 9
camera without lens	430 2
telephoto lens f/4 1½ in.	230 8
Luxapan flash unit	28 8
lead for Luxa O	5 5
Luxa O without case	34 1
Luxa O complete with case	39 9
Single metal slides	
3½ x 2½ in.	9 10
4½ x 3½	12 10
5½ x 3½	17 9
9 x 12 cm.	10 9
Metal adaptors (both sizes)	3 0
Cut film sheaths 3½ x 2½ in.	1 7
	1 11
½ plate	3 0
9 x 12 cm.	1 9
10 x 15	3 9
Gitzo releases	
Kodak or Compur 3½ in.	2 5
	6½ 3 0
	9½ 3 11
	12 4 9
	18 6 10
braided	40 14 11
all metal	12 6 7
	18 7 9
	40 17 11
	60 26 11
time lock Compur or Kodak	7 9
Leica standard release	9 7
Leica time lock release	11 8
Korelle and Agiflex	9 7
Rolleiflex/Rolleicord	6 10
Rolleiflex/time lock	11 8
junior d.a. release	17 11
standard d.a. release	28 5
delayed action Leica	45 5

delayed action Rollei	36 9
AGFA, LTD.	
Reversal Films, Agfacolor (Processing charges included)	
A8	16 11
B2/8	18 2
PB20	18 2
35-mm. Karat cassette	
12-exposure	15 11
20-exposure	21 10
36-exposure	29 10
Negative films, Agfacolor	
A8	10 9
B2/8	10 10
PB20	10 10
35-mm. Karat cassette	
12-exposure	9 5
20-exposure	12 11
Cut film, per ten sheets	
2½ x 3½	19 11
3½ x 4½	29 10
3½ x 4½	34 11
4 x 5	40 4
4½ x 6½	64 5
Cameras and cases	
Clack	68 9
ever-ready case	19 9
Billy I f6.3 Agnar Vario	193 5
leather ever-ready case	25 1
Isola I f11	97 8
ever-ready case	22 1
Isola II f6.3 Agnar Singlo	150 7
ever-ready case	22 1
Isolette I f/4.5 Agnar	
Vario	203 2
Isolette II f/4.5 Apotar	
Pronto	298 9
f/4.5 Apotar Prontor	
SVS	343 0
ever-ready case	29 5
leather ever-ready case	43 9
Silette f/2.8 Color Apotar	
Pronto	326 6

(Continued on page 491).





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is only half  
the story –

**Derl**

has an **extra**  
too..

**Derl** beauty soap, with its extra, its intriguing perfume and rich lanolin lather, appeals strongly to those who need to take special care of the skin or who have complexion worries. Now that the warmer weather is on its way the deodorant properties of **Derl** become an additional and increasingly valuable selling point. The germicidal action of **Derl**'s extra ingredient is of course well known to doctors and nurses.

THE SALES OF **Derl** ARE GOING UP  
STEADILY WHEREVER IT IS DISPLAYED.

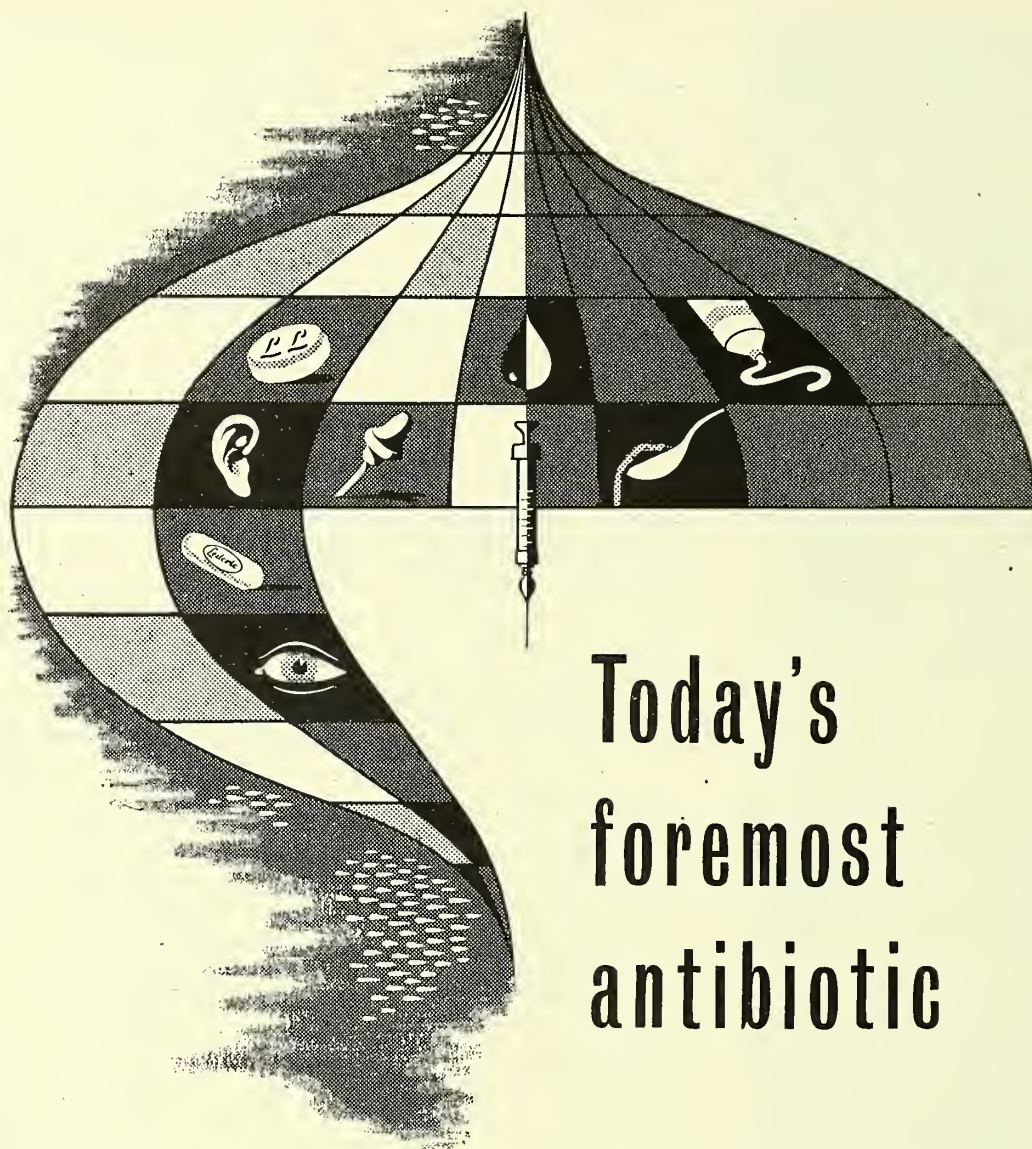


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**Derl** beauty soap for all who take extra care

ROBERTS WINDSOR SOAP CO. LTD. THE ACRE, WINDSOR, & COLWICK, NOTTINGHAM



## Today's foremost antibiotic

Of all Lederle's major contributions to medical science for the benefit of mankind, none has had a more spectacular rise to fame than ACHROMYCIN tetracycline. Introduced by Lederle in 1954, ACHROMYCIN set a record for rapid acceptance by the medical profession. It has now become recognised as today's foremost antibiotic. ACHROMYCIN has everything a true broad-spectrum antibiotic must have. It is unexcelled for its wide range of antimicrobial activity, faster diffusion, greater stability and more prolonged action. It results from Lederle's leadership in antibiotic research . . . it leads the field in clinical reliability and flexibility.

# ACHROMYCIN<sup>\*</sup>

TETRACYCLINE

\*REGD. TRADEMARK

*Dosage forms for every need . . . Well tolerated by all age groups*



LEDERLE LABORATORIES DIVISION *Cyanamid* OF GREAT BRITAIN LTD., London, W.C.2



## Continued from page 488

Prontor SVS	400 9	Wilon f/4.5	454 8	17 metres unspooled	32 10	7-section	78 10
leather ever-ready case	56 1	Wray f/4.5	479 1	Safety positive		heavyweight, model 46,	
Silette L f/3.5 Apotar		Universal Alpha II with		5 metres unspooled	7 8	3-section	107 7
Prontor SVS	613 8	flange	250 5	Films, roll		MPP (complete)	239 0
leather ever-ready case	63 11	with Achromat	298 1	Selochrome-pan, FP3, and		Viewfinder, Wray Universal	260 0
Super Silette f/3.5 Apotar		Wilon f/4.5	401 4	HP3	127 2 6		
Prontor SVS	626 6	Wray f/4.5	432 8		120 2 10	KODAK, LTD.	
leather ever-ready case	63 11	Rangefinder Gamma II			620 2 10	Films, roll	
Isollette L f/4.5 Color		with flange	264 3		116 3 6	Verichrome Pan, Pan-	
Apotar Pronto	482 6	with Achromat	320 1	HPS	828 2 3	atomic-X	
leather ever-ready case	62 0	Wilon f/4.5	388 4		127 2 9	127	2 6
Supplementary lenses		Wray f/4.5	399 9		120 3 0	120 and 620	2 10
Natar and parallax cor-		Comet (35-mm.) with		Filter mount, Duraplan	620 3 0	116 and 616	2 3
rector	67 6	condensers and Leica		Filters, Duraplan.	5 5	828 (V.P. only)	2 6
Proximeter I and II	203 2	flange	573 8			Tri-X	
Lens hoods and cases	11 11	35-mm. glassless film			19-26-mm.	127	2 10
Movex 88	8 8	carrier	27 6		28-31-mm.	120 and 620	3 1
in case	30-mm. 25 1	adjustable masking car-			32-33-mm.	828	2 6
32-mm. 30 6		rier	73 6		35-36-mm.	Kodacolor	
leather case for 30-mm.		Masking frames, standard			37-38-5-mm.	120 and 620	10 10
hood	14 4	7 x 5 in.	31 5		41-mm.	828	9 0
for 32-mm. hood	17 8	8 1/2 x 6 1/2	35 11	multigrade mounted		Films, miniature	
Filters		10 x 8	43 8	set of 3	7 9	Tri-X, Panatomic-X and	
30-mm. and 32-mm.	32 8	12 x 10	52 8	singles	3 0	Plus-X	
37-mm.	35 3	16 x 12	84 11	Flash-gun, Zing	107 7	135 cassette, 36 ex.	7 0
Yellow (for Clack		20 x 16	131 3	Briton	25 1	daylight loading refills	5 3
camera)	14 1	Gnomatic		case	7 6	unspooled film 1-6 m	4 0
Exposure meter, Lucimeter		10 x 8	91 6	Frames, Black Prince		5 m	10 10
M in case	138 8	16 x 12	141 8	masking	8 x 10 in.	17 m	32 10
Flash guns					12 x 10	Films, Kodachrome	
Box	26 11				12 x 16	K135 and K135A, 20 ex	23 1
Clack in case	37 8				16 x 20	K135	34 7
KM in case	41 8	adjustable	107 7	Holder, paper adjustable	78 4	K828 and K828A 8 ex	12 3
KL in case	59 5	Gnometer	28 5	Lens, Duraplan	4 2	Film, Ektachrome	
Agfalux in case	79 9	case	6 0	Wray Supar series II		E135	20 ex. 14 7
Cine camera and projector,				2 in. f/3.5	227 1	Films, Cine-Kodak	
8-mm.				2 in. f/4.5	125 6	Plus-X and Tri-X	
Movex 88 f/2.5	646 2			3 1/2 in. f/4.5	158 4	100 ft. standard	
case	75 7			4 1/2 in. f/4.5	182 3	50 ft. (16 mm.)	60 2
Movector E8	767 4				4 2	50 ft. (16 mm.)	35 8
case	77 6			Lens hood, Duraplan		50 ft. magazine	(16 mm.) 45 3
Slide projector				Meters, exposure, Weston		Super-X	
Opticus 100	228 9			Master III and Cine III	187 7	25 ft. (double 8 mm.)	26 0
case	28 2			leather case	21 6	25 ft. magazine	(double 8 mm.) 32 6
lamp	16 6			for meter and Invercone	23 11	Kodachrome	
Transparency viewer				Invercone attachment	22 8	10 ft. standard	
Gucki (minimum order				Papers bromide, Plastika and multi-		50 ft. (16 mm.)	74 5
10)	7 10			grade		50 ft. magazine	43 7
Isopan F and ISS				Single-weight		25 ft. spool	(double 8 mm.) 26 0
A8 roll	2 6			2 1/2 x 3 1/2 in.	100 6 7	25 ft. magazine	(double 8 mm.) 32 6
B2/8 and PB20 roll	2 10			3 1/2 x 4 1/2	250 15 10	Films, Sheet (packets of 25)	
35-mm. cassette	7 0			100 10 9	250 25 8	Panchro-Royal, Super-	
darkroom-loading refill	4 0			3 1/2 x 5 1/2	25 3 11	XX, Plus-X and	
35-mm. Karat cassette				100 12 10	250 30 9	Ortho-X	
12-exposure	4 10			4 1/2 x 6 1/2	25 6 0	2 1/2 x 3 1/2 in.	11 7
35-mm. unspooled length,				100 19 9	250 46 11	3 1/2 x 4 1/2	16 1
5-metre	10 10			8 x 10	10 6 7	3 1/2 x 5 1/2	21 7
17-metre	22 10			10 x 12	10 9 3	4 x 5	22 1
Ultra				12 x 15	10 13 9	4 1/2 x 6 1/2	32 2
A8 roll	2 10			Double-weight		Plates (Packets of 12)	
B2/8 and PB20	3 1			2 1/2 x 3 1/2 in.	100 7 9	2 1/2 x 3 1/2 in.	6 0
35-mm. cassette	7 10			250 18 6	25 3 11	3 1/2 x 4 1/2	8 6
Isopan FF				3 1/2 x 4 1/2	100 12 7	4 x 5	12 7
B2/8 and PB20	3 1			250 29 11	100 12 7	4 1/2 x 6 1/2	17 1
35-mm. cassette	7 10			3 1/2 x 5 1/2	25 4 6	Lantern plates (packets of 12)	
GNOME PHOTOGRAPHIC				100 14 11	250 35 7	2 x 2	6 0
PRODUCTS, LTD.				4 1/2 x 6 1/2	25 6 7	2 1/2 x 2 1/2	6 0
Camera, Pre-view	56 7			100 22 8	250 54 1	3 1/2 x 3 1/2	7 6
Enlargers (with standard				6 1/2 x 8 1/2	25 11 4	3 1/2 x 4	9 0
carrier)				100 39 5	250 93 10	Papers (Velox, Bromide &	
Delta de luxe with flange	401 7			8 x 10	10 7 2	Bromesko)	
with Wray f/4.5	320 0			10 x 12	10 10 5	1 1/2 x 2 1/2 in.	25 1 10 2 1
filter unit	12 0			12 x 15	10 15 6	2 1/2 x 2 1/2	100 4 9 5 1
Sixty-six II with flange	250 5			Double-weight		2 1/2 x 3 1/2	100 5 5 6 0
with Achromat	293 9			2 1/2 x 3 1/2 in.	100 12 7	2 1/2 x 4 1/2	100 6 7 7 9
with Achromat	293 9			3 1/2 x 4 1/2	25 4 6	2 1/2 x 4 1/2	100 9 0 10 2
Wilon f/4.5	384 4			100 12 7	250 29 11	3 1/2 x 4 1/2	100 10 9 12 7
Wray f/4.5	408 9			3 1/2 x 5 1/2	25 4 6	3 1/2 x 5 1/2	100 12 10 14 11
Beta II, no lens or flange	168 0			100 14 11	250 35 7	4 1/2 x 6 1/2	100 19 9 22 8
with flange	174 0			4 1/2 x 6 1/2	25 6 7	6 1/2 x 8 1/2	10 4 9 5 1
Doublet	185 11			100 22 8	250 54 1	50 18 3 20 11	100 33 9 39 5
Achromat	221 9			6 1/2 x 8 1/2	25 11 4	8 x 10	10 6 7 7 2
Wray f/6.3	249 4			100 39 5	250 93 10	10 x 12	100 48 1 56 6
Beta II, portable, with				8 x 10	10 7 2	12 x 15	10 9 3 10 5
flange	228 2			10 x 12	10 10 5		100 71 5 83 8
	240 1			12 x 15	10 15 6		100 106 1 124 11
	303 6			16 x 20	297 2		
Master	403 8			9 x 12 cm.	18 1		
II with flange	403 8			8/1000 base	2 1/2 x 3 1/2 in.		
with Achromat	451 4			3 1/2 x 4 1/2	11 7		
Wilon	554 7			4 x 5	16 1		
Wray	585 11			4 x 5	22 1		
Gamma II (35-mm.) with				4 1/2 x 6 1/2	32 2		
flange	236 0			6 1/2 x 8 1/2	55 3		
with doublet	242 0			8 x 10	78 4		
anastigmat f.6.3	292 1			10 x 12	116 6		
Wilon f/4.5	350 1			12 x 15	181 9		
Wray f/4.5	361 6			16 x 20	313 3		
Gamma II portable with				9 x 12 cm.	19 1		
flange	290 2			Films, cine, 16-mm.			
with doublet	296 2			Pan F, FP3, HP3, HPS	100 36 7		
Rangefinder Alpha II with				Fine-grain safety positive	100 24 5		
flange	320 9			Films, colour, 35-mm.			
with Achromat	368 5			D and F 20-exp. cassette	20 0		
Wilon f/4.5	471 8			Films, miniature			
Wray f/4.5	503 2			Pan F, FP3, HP3, HPS			
Rangefinder Sixty-six II					135 7 0		
with flange	320 9				935 4 0		
with Achromat	364 1				5 metres unspooled		

It is regretted that several prices given last week under Ilford, Ltd., were incorrect. Prices of the whole range are reprinted below and the entries in last week's list should be deleted.

## ILFORD, LTD.

## Cameras

Advocate, series II	358 6
leather case	59 9
lens hood	10 9
filter mount	10 9
Sportsman	238 5
leather case	42 5
lens hood	4 2
filter mount	5 5
filters	4 9
clamp	11 11
Enlarger, Envoy 2 1/2 x 3 1/2 in.	785 9
2 1/2 x 2 1/2 in.	785 9
35-mm.	635 2

## Film, flat

Panchromatic, non-pan-	
chromatic, clear and	
mat	
3 & 5/1000 base, 25's	
2 1/2 x 3 1/2 in.	11 1
3 1/2 x 4 1/2	15 7
4 x 5	21 1
4 1/2 x 6 1/2	30 7
6 1/2 x 8 1/2	52 2
8 x 10	74 4
10 x 12	110 5
12 x 15	172 8
16 x 20	297 2
9 x 12 cm.	18 1
8/1000 base	2 1/2 x 3 1/2 in.
3 1/2 x 4 1/2	11 7
4 x 5	16 1
4 x 5	22 1
4 1/2 x 6 1/2	32 2
6 1/2 x 8 1/2	55 3
8 x 10	78 4
10 x 12	116 6
12 x 15	181 9
16 x 20	313 3
9 x 12 cm.	19 1

## Films, cine, 16-mm.

Pan F, FP3, HP3, HPS	100 36 7
Fine-grain safety positive	100 24 5
Films, colour, 35-mm.	
D and F 20-exp. cassette	20 0
Films, miniature	
Pan F, FP3, HP3, HPS	
	135 7 0
	935 4 0
5 metres unspooled	10 10

17 metres unspooled	32 10
Safety positive	
5 metres unspooled	7 8
Films, roll	
Selochrome-pan, FP3, and	
HP3	127 2 6
	120 2 10
	620 2 10
	116 3 6
	828 2 3
HPS	127 2 9
	120 3 0
	620 3 0
Filter mount, Duraplan	5 5
Filters, Duraplan.	
19-26-mm.	3 7
28-31-mm.	4 9
32-33-mm.	5 5
35-36-mm.	6 0
37-38-5-mm.	6 7
41-mm.	7 2
multigrade mounted	
set of 3	7 9
singles	3 0
Flash-gun, Zing	107 7
Briton	25 1
case	7 6
Frames, Black Prince	
masking	8 x 10 in. 186 5
	12 x 10 212 9
	12 x 16 236 7
	16 x 20 280 10
Holder, paper adjustable	78 4
Lens, Duraplan	4 2
Wray Supar series II	
2 in. f/3.5	227 1
2 in. f/4.5	125 6
3 1/2 in. f/4.5	158 4
4 1/2 in. f/4.5	182 3
Lens hood, Duraplan	4 2
Meters, exposure, Weston	
Master III and Cine III	187 7
leather case	21 6
for meter and Invercone	23 11
Invercone attachment	22 8
Papers bromide, Plastika and multi-	
grade	
Single-weight	
2 1/2 x 3 1/2 in.	100 6 7
250 15 10	
3 1/2 x 4 1/2	25 3 3
100 10 9	
250 25 8	
3 1/2 x 5 1/2	25 3 11
100 12 10	
250 30 9	
4 1/2 x 6 1/2	25 6 0
100 19 9	
250 46 11	
8 x 10	10 6 7
100 48 1	
250 114 5	
10 x 12	10 9 3
100 71 5	
12 x 15	10 13 9
100 106 1	
Double-weight	
2 1/2 x 3 1/2 in.	100 7 9
250 18 6	
3 1/2 x 4 1/2	25 3 11
100 12 7	
250 29 11	
3 1/2 x 5 1/2	25 4 6
100 14 11	
250 35 7	
4 1/2 x 6 1/2	25 6 7
100 22 8	
250 54 1	
6 1/2 x 8 1/2	25 11 4
100 39 5	
250 93 10	
8 x 10	10 7 2
100 56 6	
250 134 2	
10 x 12	10 10 5
100 83 8	
12 x 15	10 15 6
100 124 11	
Papers, contact, S.W.	
1 1/2 x 2 1/2 in.	25 1 10
100 4 9	
2 1/2 x 2 1/2	25 1 10
100 5 5	
2 1/2 x 3 1/2	25 2 5
100 6 7	
3 1/2 x 4 1/2	100 10 9
Plates, panchromatic and	
non-panchromatic	
2 1/2 x 3 1/2 in.	6 0
3 1/2 x 4 1/2	8 6
4 x 5	12 7
4 1/2 x 6 1/2	17 1
6 1/2 x 8 1/2	3





## NOTES ON NEW MEDICAMENTS

Comments on items given in Guide to New Medicaments (p. 484), especially to show their relationship—pharmacological or chemical—with other products or compounds.

**HIBITANE.** — *Chemistry:* Bis(p-chlorophenyl-diguanido)-hexane dihydrochloride (chlorhexidine). The most commonly used salt of chlorhexidine is the diacetate, on account of its higher solubility (1.9 per cent.). For some purposes lower concentrations are desirable, particularly in dealing with very sensitive tissues: in such circumstances the dihydrochloride may be preferred. Its maximum solubility in water is 0.06 per cent., and it is particularly useful in preparing creams and dusting powders when a prolonged action is required. It can be combined with antibiotics or sulphonamides to reduce the risk of drug resistance. Other non-irritating organic antiseptics include Bradisol (domiphen) and Octaphen (phenocitide).

**ALBAMYCIN G U.** — *Chemistry:* A mixture of calcium novobiocin with sulphamethizole. Novobiocin is an antibiotic derived from *Streptomyces spheroides*, and is effective against many gram-positive organisms. It is particularly effective in staphylococcal infections, and some strains of *Proteus* and *Pseudomonas* are also susceptible. High blood levels are easily obtained following oral administration, and this high level is reflected in the high urinary concentration of the drug. In Albamycin G U the action of the antibiotic is increased by the presence of sulphamethizole, a sulphonamide highly effective in urinary infections. Preparations of novobiocin alone include Albamycin, Biotexin and Cathomylin. Cathopen is a mixture of novobiocin and penicillin. Sulphamethizole is available as Urolocosil.

**DISTAVAL.** — *Chemistry:*  $\alpha$  Phthalimidoglutarimide (thalidomide). This compound is a derivative of glutamic acid which is a metabolite of brain tissue. The new drug was originally examined for spasmolytic activity, and was found to be as effective as papaverine. Further investigations indicated that it also had a central depressant action. Later pharmacological work showed that the drug has a long-acting sedative action, with an absence of any narcotic effects. No significant side reactions on the heart, liver, lungs or other important organs have been observed. The compound appears to be useful in a wide range of conditions requiring mild sedation. A compound of analogous chemical structure is glutethimide, or  $\alpha$  phenyl  $\alpha$  ethyl glutarimide, also known as Doriden, and other examples of non-barbiturate sedative include methylprylone (Noludar), methylpentynol (Oblivon), Wellnorm (chloral hydrate-phenazone complex), ethinamate (Valmidate) and meprobamate (Equanil, Mepavlon, Miltown).

**ADCORTYL and LEDERCORT.** — *Chemistry:* 9- $\alpha$ -fluoro-16- $\alpha$ -hydroxy-prednisolone, or triamcinolone. The fluoro-derivatives of the corticosteroids exhibit increased activity and reduced side-effects. In triamcinolone the glucocorticoid action is increased, and the mineralocorticoid manifestations are reduced. The drug is effective in lower dose, and the sodium-potassium balance of the body is not affected. Ulcer formation and psychic disturbances are also reduced, and the drug may be given to patients from whom corticosteroids have been withheld because of side-effects. Since the drug does not cause sodium retention, the usual signs of overdosage are absent, and the dose should be adjusted to the lowest level which will control the symptoms. Earlier fluoro-corticosteroid derivatives are exemplified by Florinef (9- $\alpha$ -fluoro-hydrocortisone). This compound has some twenty times the activity of the parent compound, but as both the glucocorticoid and mineralocorticoid effects were increased, the therapeutic applications of the drug were largely limited to the treatment of Addison's disease, and those conditions requiring topical corticosteroid therapy. Indicated in the arthritic and rheumatic diseases, allergies and collagen diseases—triamcinolone represents a useful addition to current drugs.

## TRADE MARKS

### APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," April 9

*For all goods* (5)  
**LEDERCORT**, 769,061, by American Cyanamid Co., New York, U.S.A. **DOMIDON**, 771,452, by Ward, Blenkinsop & Co., Ltd., London, W.C.1. **Device**, 771,608, by Rentokil, Ltd., Leatherhead, Surrey. **FIBRINOSOL**, 772,847, by Ashe Laboratories, Ltd., Leatherhead, Surrey.

*For pharmaceutical vitamin preparations for human use* (5)

**Device** with words **GOLDEN DAWN**, 771,364, by John Richardson & Co. (Leicester), Ltd., Leicester.

*For pharmaceutical preparations and substances for human and veterinary use* (5)

**SUL-SPANSION**, 771,710, by Smith Kline & French Laboratories, Ltd., London, S.E.5. **LENABOL**, 773,651, by CIBA, Ltd., Basle, Switzerland.

*For pharmaceutical, veterinary and sanitary substances; infants' and invalids' foods; medical and surgical plasters; material prepared for bandaging; and disinfectants* (5)

**PLENMOCIL**, 771,773, by Società Farmaceutici Italia, Milan, Italy.

*For pharmaceutical preparations and substances* (5)

**ALEVACOL**, 771,932, by Boots Pure Drug Co., Ltd., Nottingham. **AROCIN**, 773,541, by Modern Health Products, Ltd., Chessington.

*For medicated preparations for the treatment of the scalp* (5)

**VALCREMA**, 772,658, by Dac Health Laboratories, Ltd., London, W.1.

*For preparations of chlorine compounds for pharmaceutical purposes* (5)

**MEPACLORIN**, 772,664, by Imperial Chemical Industries, Ltd., London, S.W.1.

*For linctuses being pharmaceutical preparations for use in the treatment of coughs* (5)

**NICOLINCTUS**, 772,859, by A. & G. Nicholas, Ltd., Slough, Bucks.

*For medicated ointments for human use in the treatment of chilblains, chapped hands, buns, inflamed and tender feet, sprains, boils, stiff joints, cuts and bruises, and insect stings* (5)

**ONZO**, 773,072, by Onzo, Ltd., Ayr, Ayrshire.

*For spasmolytic and anticholinergic pharmaceutical preparations* (5)

**ATURBANE**, 773,254, by CIBA, Ltd., Basle, Switzerland.

## COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

### Monday, May 5

**INTERNATIONAL HOSPITAL AND MEDICAL SERVICES EXHIBITION** (first), Empire Hall, Olympia, London, W.14, until May 10.

**LONDON SECTION, SOCIETY OF CHEMICAL INDUSTRY**, 14 Belgrave Square, London, S.W.1, at 6 p.m. Annual meeting.

**LONDON UNIVERSITY**, King's College, Strand, London, W.C.2, at 5.30 p.m. Professor R. Huisgen (professor of organic chemistry and director of the institute of organic chemistry, Munich University) on "Recent Contributions to the Organic Chemistry of Nitrogen."

### Tuesday, May 6

**NORTH LONDON PHARMACEUTICAL ASSOCIATION and NORTH METROPOLITAN BRANCH**, Beale's restaurant, Holloway Road, London, N.4. At 7.45 p.m., annual meeting; at 8.30 p.m., Mr. D. H. Shattlock (Kodak, Ltd.) on "Kodacolor" followed by a colour slide competition.

### Wednesday, May 7

**CAMBRIDGE and HUNTINGDON BRANCH, PHARMACEUTICAL SOCIETY**, The Rose, Rose Crescent, Cambridge, at 8 p.m. Annual meeting.

**GUILD OF PUBLIC PHARMACISTS**, conference hall, Olympia, London, W.14, at 5.30 p.m. Open meeting for discussion on "The Planning and

Management of the Pharmaceutical Department."

**MECHANICAL HANDLING EXHIBITION**, Earl's Court, London, S.W.5, until May 17.

**SWANSEA and WEST GLAMORGAN BRANCH, PHARMACEUTICAL SOCIETY**, Mackworth hotel, at 7.45 p.m. Annual meeting.

### Thursday, May 8

**BIRMINGHAM BRANCH, NATIONAL PHARMACEUTICAL UNION**, Chamber of Commerce, New Street, at 7.45 p.m. Annual meeting.

**BOURNMOUTH BRANCH, PHARMACEUTICAL SOCIETY**, Grand hotel, at 7.45 p.m. Annual meeting.

**FINCHLEY BRANCH, PHARMACEUTICAL SOCIETY**, Halex Division of British Xylonite Co., Ltd., Highams Park, London, E.4. Visit. (Applications for seats to Mr. A. King, 222 Regents Park Road, London, N.3).

**HARROGATE BRANCH, PHARMACEUTICAL SOCIETY**, Blue Bird café, Parliament Street, at 7.30 p.m. Annual meeting.

**LEEDS BRANCH, PHARMACEUTICAL SOCIETY**, Metro-pole hotel, at 7.45 p.m. Annual meeting.

**LIVERPOOL CHEMISTS' ASSOCIATION and BRANCH**, Exchange hotel. At 7.30 p.m., annual meeting of the Association; at 8 p.m., annual meeting of the Branch.

### Advance Information

**ROYAL SOCIETY OF ARTS**, John Adam Street, London, W.C.2, at 2.30 p.m., on May 14, Pope memorial lecture: Sir Ian Heilbron (professor emeritus of organic chemistry, London University) on "Expanding Horizons in Organic Chemistry."

## COMMERCIAL TELEVISION

PROGRAMME details are given to enable chemists to put in linking-up displays if they wish. Notice given is as far in advance of the programme date as can be guaranteed by the broadcasting companies. Where known, the number of appearances of the product during the week is shown in parentheses.

### May 11-17 LONDON

**Airwick** (2), **Alka-Seltzer** (2), **Andrew's liver salt** (3), **Bartex sun glasses**, **Beecham's pills** (2), **powders** (2), **Carter's little liver pills**, **Colgate dental cream**, **chlorophyll tooth-paste**, **Cutex lipstick** (3), **Damaskin** (2), **Delsey toilet tissue** (4), **Dettol** (2), **Digestif Rennies** (2), **Dylon dyes**, **Superwhite**.

**Eno's Fruit Salt**, **French's bird food** (2), **Fynnon salt**, **Gayelord Hauser yeast** (2), **Germolene** (4), **Horlicks**, **Ibcol**, **Ingram's shaving cream** (3), **Iron Jelloids**, **Knights' Castile soap** (2), **Kodak** (3), **Lorelox** (2).

**Macleans indigestion remedies**, **Milk of Magnesia tablets** (3), **Moorland indigestion tablets**, **Morny soap**, **Nair**, **Nervone**, **Oprex**, **Palmolive soap**, **Pepsodent** (4), **Phensic** (3), **Phyllosan** (4), **Pond's Angel Face** (4), **Rise** (3), **Robinson's barley water** (3), **orange squash** (3), **Robnade** (4).

**Silvikrin pure**, **shampoo** (2), **hair cream** (2), **Trojan soap pads**, **Trugel** (5), **Vaseline hair tonic** (2), **cream** (3), **shampoo** (3).

### MIDLAND

**Airwick** (3), **Alka-Seltzer**, **Andrew's liver salt** (3), **Beautyflo foundation cream**, **Beecham's pills** (2), **powders** (2), **Bile Beans** (3), **Carter's little liver pills** (2), **Colgate dental cream**, **chlorophyll tooth-paste** (2), **Cutex lipstick** (3), **Dettol** (2), **Digestif Rennies**, **Dr. Wernet's powder**, **Dylon dyes**, **Superwhite**.

**Eno's Fruit Salt**, **French's bird food** (2), **Fynnon salt**, **Gayelord Hauser yeast** (2), **Germolene** (4), **Ibcol** (2), **Ingram's shaving cream** (3), **Iron Jelloids**, **Kodak** (4), **Larson's Swedish milk diet**, **Lorelox**.

**Macleans indigestion remedies** (2), **tooth-paste**, **Mellojuce** (2), **Milk of Magnesia** (2), **tablets**, **Mix-A-Shake**, **Optabs** (2), **Optone**, **Palmolive soap**, **Pepsodent** (3), **Phensic** (3), **Phosferine** (2), **Phyllosan** (3), **Pond's Angel Face** (4), **Robinson's barley water** (3), **orange squash**, **Robnade** (4).

Silvikrin pure, shampoo, hair cream (3). Snowfire (2). Trojan soap pads. Trugel (2). Vaseline hair tonic (3), cream (3), shampoo (3). Vitapointe (3). Zoflora.

## NORTH

Airwick (3). Alka-Seltzer (2). Andrew's liver salt (3). Askit. Bartex sun glasses. Beautyflo foundation cream. Beecham's pills (3), powders (3). Bile Beans (3). Bristow's lanolin shampoo. Brylcreem (3). Cephos (4). Colgate dental cream, chlorophyll tooth-paste (2). Dabitoft (2). Damskin (2). Dettol (2). Digestif Rennies.

Eno's Fruit Salt. (2). French's bird food (2). Fynnon salt. Gayeford Hauser yeast. Germolene (3). Horlicks (2). Ibcot (4). Ingram's shaving cream (3). Iron Jelloids. Kodak (3).

Macleans tooth-paste. Milk of Magnesia (2). Mix-A-Shake. Moorland indigestion tablets (2). Optabs. Optrex (2). Palmolive soap. Pepsodent (5). Phensic (3). Phosferine (2). Phyllosan (3).

Pond's Angel Face (4). Rise. Robinson's barley water (3), orange squash (2). Robinade (3). Scholl Zino pads (3). Setlers (2). Silvikrin pure, shampoo (2), hair cream (2). Trojan soap pads. Trugel (3). Vaseline hair tonic (3), cream (3), shampoo (3). Vitapointe (3). Zoflora (2).

## SCOTLAND

Airwick (3). Alka-Seltzer. Andrew's liver salt (3). Askit (7). Beecham's pills (2). Colgate dental cream, chlorophyll tooth-paste (2). Delsey toilet tissue (4). Digestif Rennies (2).

Eno's Fruit Salt. Fynnon salt. Germolene (4). Ingram's shaving cream (4). Kodak (3).

Macleans tooth-paste (3). Milk of Magnesia, tablets (2). Moorland indigestion tablets. Optone. Optrex (2). Palmolive soap. Pepsodent (4). Phensic (3). Pond's Angel Face (4). Robinson's barley water (2), orange squash (2). Robinade (3).

Sanmex (6). Silvikrin shampoo, hair cream (2). Spratt's ovals, meat (8). Trojan soap pads (2). Trugel (2). Vaseline hair cream (3), shampoo (3).

## WALES

Airwick (3). Ajax. Alka-Seltzer (8). Andrew's liver salt (4). Beecham's pills (3), powders (2). Bristow's lanolin shampoo. Colgate dental cream, chlorophyll tooth-paste (2). Dabitoft (2). Eno's Fruit Salt. French's bird food (2). Fynnon salt (2). Horlicks. Knight's Castile soap (3).

Macleans tooth-paste. Milk of Magnesia, tablets (2). Moorland indigestion tablets. Palmolive soap. Pepsodent (5). Phensic (4). Phosferine (3). Phyllosan (4). Pond's Angel Face (4). Robinson's barley water (2), orange squash, Robinade (2).

Silvikrin shampoo (2). Spratt's meat (4). Trojan soap pads (2). Vaseline hair cream (3), hair tonic (3). Yeast-Vite (8).

## C. & D. WEEKLY LIST OF PRICES

A = Advanced; R = Reduced; I.R.P. = Inclusive Retail Price; \* = Tax 30 per cent.; † = Tax 60 per cent.

J. BIBBY & SONS, LTD. (from April 28)			
Araby soap*	toilet	6 Doz.	I.R.P. 8 A
		3 Doz.	
	"family"	27 9	1 2 A
	bath	35 8	1 6 A

CIBA LABORATORIES, LTD. (from May 5)			
Ultracorten tablets and Ultracorten - H tablets	1 mgm.	25	10 3 R
	100		36 0 R
	500		157 6 R
	5 mgm.	25	38 6 R
	100		150 0 R
	500		731 3 R

D. & W. GIBBS, LTD. (from April 21)			
Erasmic Shavallow lather shaving cream*	tube	18 4	2 6 A
	jar	27 6	3 9 A
Coroshave brushless shaving cream*	tube	18 4	2 6 A
	jar	27 6	3 9 A

GLAXO LABORATORIES, LTD. (from May 5)			
Delta Cortelan tablets and Delta Ef-Cortelan tablets	Each		
	1 mgm.	100	24 0
	500		105 0
	5 mgm.	30	30 9
	100		100 0
	500		487 6
Predasin tablets	50	7 3	9 8 R
	500	57 0	76 0 R
Streptomycin and dihydro-streptomycin (all types of pack including stabilised solution and cartridges)	1 gm.	10	15 0
	5 gm.		6 0

MERCK SHARP & DOHME, LTD. (from May 5)			
Deltacortone tablets	1 mgm.	100	24 0 R
	500		105 0 R
	5 mgm.	30	30 9 R
	100		100 0 R
	500		487 6 R

Codecortone tablets			
	1 mgm.	100	24 0 R
	500		105 0 R
	5 mgm.	30	30 9 R
	100		100 0 R
	500		487 6 R

Co-Delta tablets			
	2.5 mgm.	100	52 6 R
	5 mgm.	30	30 9 R
	100		100 0 R
	500		487 6 R

Co-Hydeltra tablets			
	2.5 mgm.	100	52 6 R
	5 mgm.	30	30 9 R
	100		100 0 R
	500		487 6 R

ORGANON LABORATORIES, LTD. (from May 5)			
Di-Adreson tablets and Di-Adreson-F tablets	1 mgm.	30	7 6 R
	100		24 0 R
	500		105 0 R
	5 mgm.	30	30 9 R
	100		100 0 R
	500		487 6 R

PARKE, DAVIS & CO., LTD. (from May 5)			
Prednisolone tablets, P.D. & Co.	1 mgm.	25	9 6 R
	100		36 0 R
	500		157 6 R
	5 mgm.	25	38 6 R
	100		150 0 R
	500		731 3 R
Prednisone tablets, P.D. & Co.	1 mgm.	25	9 6 R
	100		36 0 R
	500		157 6 R
	5 mgm.	25	38 6 R
	100		150 0 R
	500		731 3 R

PFIZER, LTD. (from May 5)			
Deltacortril tablets	1 mgm.	100	24 0 R
	500		105 0 R
	5 mgm.	20	20 6 R
	100		100 0 R
	500		487 6 R
	1,000		975 0 R

Prednisone tablets			
	1 mgm.	100	24 0 R
	500		105 0 R
	5 mgm.	30	30 9 R
	100		100 0 R
	500		487 6 R
Deltacortril A.F. tablets			
	100		100 0 R

ROUSSEL LABORATORIES, LTD. (from May 5)			
DeCortisyl tablets and Pre-Cortisyl tablets	1 mgm.	100	24 0 R
	500		105 0 R
	5 mgm.	30	30 9 R
	100		100 0 R
	500		487 6 R
Asmacort tablets	20		8 6 R
	100		40 0 R
Cortibiotic skin ointment	5 gm.		6 0 R
	15 gm.		15 0 R

WARD, CASSON, LTD. (from May 5)			
Coactyl tablets	dispensing pack	.50	7 3 R
Deltalone tablets			
	1 mgm.	30	8 1 R
	5 mgm.	30	30 9 R
	500		487 6 R

Hydrodeltalone tablets			
	1 mgm.	30	8 1 R
	5 mgm.	30	30 9 R
	500		487 6 R

## P.A.T.A. LIST

(Alterations notified this week by the Proprietary Articles Trade Association.)

COLEMAN & CO., LTD. (from April 23)			
Vitacup			1 8 A
			2 4 1 A
	1 lb.		5 6 A
	5 lb.		25 0 A

CONTINENTAL LABORATORIES, LTD. (from May 1)			
Entrosalyl capsules*	Doz.		
	50 standard	32 3	4 10 1 R
	50 Vitaminised	44 2	6 7 R

## ADDITIONS TO THE LIST

WILLIAM R. WARNER & CO., LTD.			
Bromo-Seltzer*			30 0
			4 1
	126 0		17 1 1

## NEW PRODUCTS AND PACKS

BAYER PRODUCTS, LTD.			
Levophed ampoules	Each		
	4 mil	100	121 1
			161 5

CORTIFORTE LABORATORIES, LTD.			
Cortiforte D.P.*	50 gm.	35 0	5 3
	500 gm.	25 0	45 0
Cortiforte with belladonna*	Doz.		
	50 gm.	35 0	5 3
	500 gm.	25 0	45 0

CRYSTAL PRODUCTS, LTD.			
Spray Magic† aerosol			6 6

J. C. & J. FIELD, LTD.			
French Flowers			
	perfume stick†		2 9
	tal†		2 9
	bath cubes†	6	2 9
	soap*	3	3 0

GLAXO LABORATORIES, LTD.			
Predsol eye/ear drops	vial 3 mils	5 6	7 4
	eye ointment 3 gm.	5 0	6 8
	skin lotion 20 mils	9 0	12 0
	skin ointment No. 1 (non-greasy)	5 gm.	5 0
		15 gm.	12 6
	No. 2 (greasy)	5 gm.	5 0
		15 gm.	12 6
	nasal drops 10 mils	5 0	6 8
	Predsol-N eye/ear drops	3 mils	6 6
		3 gm.	5 7 1
	eye ointment 3 gm.	5 7 1	7 6
	skin ointment No. 1 (non-greasy)	5 gm.	5 7 1
		15 gm.	13 10 1
	No. 2 (greasy)	5 gm.	5 7 1
		15 gm.	13 10 1
	nasal spray 15 mils	5 0	6 8
	Fersamal tablets*		
	parcel No. 1	26 8	

HALEX DIVISION, BRITISH NYLONITE CO., LTD.			
Halex tooth-brush	nylon		1 9
	bristle		2 6
	Multi-tuft		2 0

HEATH & HEATHER, LTD.			
Rosemary shampoo*	sachet	4 2	7 1

IMPERIAL CHEMICAL INDUSTRIES, LTD., PHARMACEUTICALS DIVISION			
Glyped cream*	25 gm.	36 0	5 5

JEYES-IBCO SALES, LTD.			
Jeyes fluid disinfectant	1-pt. tin	24 9	2 9
	16 oz.	21 4	2 4

THOMAS KERFOOT & CO., LTD.			
Natusol baby cream*		14 9	2 3

NEWTON, CHAMBERS & CO., LTD.			
Polly kitchen roll		13 6	1 6
	Each		
	holder	3 4 1	4 6

PAINES & BYRNE, LTD.			
Placental ointment*	100 gm.	11 3	15 0
	250 gm.	27 0	36 0
	500 gm.	52 6	70 0

RIKER LABORATORIES, LTD.			
Debendox tablets	30	12 0	18 0
	100	38 0	57 0

G. D. SEARLE & CO., LTD.			
Nilevar tablets	250		757 6





*Why you should  
recommend and sell  
'**Marzine**'  
to prevent  
travel sickness...*

TRADE MARK

- ★ 'Marzine' is the most effective and fastest acting travel sickness remedy.
- ★ 'Marzine' is remarkably free from side effects, such as blurred vision or dry mouth.
- ★ 'Marzine' is safe and may be given to young children without risk.
- ★ 'Marzine' is strongly advertised and appears regularly on all I.T.V. Stations during the holiday and travel season.
- ★ 'Marzine' is still available on special 13-to-the-dozen Bonus Terms, which make it even more profitable for you.



BURROUGHS WELLCOME &amp; CO. (THE WELLCOME FOUNDATION LTD.) LONDON



## *Of proved efficiency against infection*

The Antipeol products incorporate the broth filtrates of the microbes common to most cutaneous, naso-pharyngeal and ocular complaints.

### **ANTIPEOL**

#### **CUTANEOUS OINTMENT**

For the immediate treatment of Burns and Scalds. For Boils to avert surgical intervention. Also for ABSCESSSES, ECZEMA, CARBUNCLES, VARICOSE ULCERS, HAEMORRHOIDS, and certain types of DERMATITIS.

### **RHINO-ANTIPEOL**

#### **PROPHYLACTIC NASAL CREAM**

For ASTHMA, BRONCHITIS, CATARRH, CORYZA, RHINITIS and many other infections of the naso-pharynx.

### **OPHTHALMO-ANTIPEOL**

#### **THERAPEUTIC OPHTHALMIC OINTMENT**

For BLEPHARITIS, CONJUNCTIVITIS, DACRIOCYSTITIS, KERATITIS and other inflammatory conditions of the eye.

Among the MEDICAL AND NURSING PROFESSION and THE FIRST AID ASSOCIATIONS, the ANTIPEOL preparations enjoy a continued and growing popularity. They are highly regarded as simple but effective remedies against even the more virulent forms of skin, nose and eye infections.

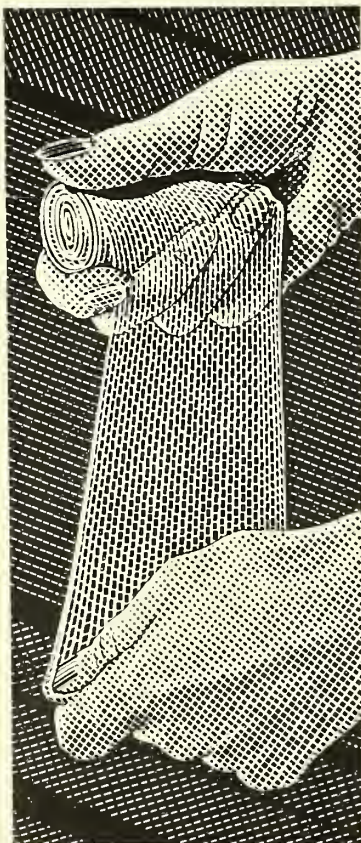


## **MEDICO-BIOLOGICAL LABORATORIES LTD.**

**CARGREEN ROAD, SOUTH NORWOOD, LONDON, S.E.25.**

PB26

Net  
profits!



Lastonet Elastic Net Bandages, with their two-way stretch, give firm, even support to sprained or weak joints. Their open net lets air circulate freely. They're hygienic and washable. Hence their popularity and great sales potential. They're available in 5-yard lengths (fully stretched) and 2½, 3, 3½ or 4 inch widths, attractively packed in half-dozens or dozens. They can be supplied against NHS prescriptions. There's a good profit margin and display material is available. Over to you!

*Lastonet*  
ELASTIC  
NET BANDAGES

LASTONET PRODUCTS LIMITED  
CARN BREA, REDRUTH, CORNWALL



# See DDD in Press and on TV

## Big National Press campaign!

Millions of striking adverts. in national, provincial and women's interest magazines are bound to bring new demands for DDD over your counter.

See them in—

Daily Express Daily Mirror News Chronicle

News of the World The People

Sunday Pictorial Empire News

—these periodicals—

Woman Woman's Own Home Chat

Home Notes Woman's Weekly Woman's Illustrated

Woman's Realm Weekly News

and major provincial newspapers

## Big TV showing

Frequent transmissions of a 15 sec DDD commercial—hard hitting, memorable, sales-making—on Northern and Midland TV. This campaign is concentrated during spring and summer for added impact.

## Bonus offer

DDD's new 13-to-the-Dozen bonus offer enables you to stock up on generous terms in readiness for increased demand.

Starts now—ends May 31st—so stock up now.

DDD Balm, Prescription and soap are available through your normal wholesaler or direct from

DENDRON DISTRIBUTORS, 94 RICKMANSWORTH ROAD, WATFORD, HERTS



Will these spots disappear before our next dance date?

**YES!**

**DDD**  
CLEARS SKIN TROUBLES FAST

A combination of five powerful penetrating, antiseptics in non-greasy, non-staining DDD, get down to the root of skin trouble. They act fast and effectively, on acne, spots, blemishes, cold sores, eczema, many other skin troubles. Try DDD. You're welcome to a free sample, Balm or Liquid. Send postcard to Dept. X DDD, Co. Ltd., Watford, Herts.

**DDD (Balm or Liquid)**  
DDD soap for sensitive skins



*The*  
**BEATSON**  
*Ribbed Oval..*

Attractive presentation and sound functional design are both provided by the Beatson Ribbed Oval.

A wide range is available, both Cork Mouth and Screw Neck, with either White Enamelled, Black, Red or White Plastic Caps.

**Be sure to specify BEATSON**

*"The Sign of a*



*Good Bottle"*

**BEATSON, CLARK & CO., LTD.**

ESTABLISHED 1751

Glass Bottle Manufacturers

ROTHERHAM

YORKS

BC73A

# PRIDE 7<sup>D</sup>

 **NEW DOUBLE SHAMPOO SACHETS**

## BEER SHAMPOO

a special Blend for BRUNETTES which helps to attain that much sought after high gloss so necessary with either natural or tinted BLACK hair.

## CHAMPAGNE SHAMPOO

is specially packed for those who desire the invigorating effect of wine and spirit with a lovely FRENCH PERFUME.

## MEDICATED SHAMPOO

a hair health shampoo free of all harsh antiseptics. Based entirely on the Pure Natural Oils of the Pine and Ti-Trees is delightful to use and assures a clean healthy scalp.

These three shampoos are in double sachets giving sufficient for 2 complete shampoos. Smart and colourful packs.

Price 3/9 doz. plus 1/2 P.T.

From May, Roberts, Sangers or your usual wholesaler or direct.

**B. N. FURMAN (Productions) LTD.,**  
133 Fonthill Road, N.4

# MAYFAIR "A" BLACKCURRANT SYRUP

*with glucose added*

## PRICE REDUCTION

The new price, as shown below, makes this line more attractive than ever.

**SIZE 12oz.**

**RETAIL PRICE — 3/6**

**TRADE PRICE — 33/6**

(PER DOZEN — TAX FREE)

In addition it will qualify for our usual quantity discounts, namely 10% on a £5 order.



**SAVORY & MOORE LTD.**

Standard Works, Lawrence Road, N.15





# NIVEA

# BONUS

*Ends Saturday May 17<sup>th</sup> 1958*

**FREE stock worth £1.7.11\***

(2 doz. 1/4 tins, 1 doz. 2/3 tins of Nivea Creme)

**on every order for special parcel of Nivea Creme  
worth £8.7.6\***

(1 gross 1/4 tins, 1/2 gross 2/3 tins)

**FREE stock worth 12/9\***

(1 doz. 2/3 tins Nivea Creme)

**on every additional order for £2.10.0\*  
worth of assorted Nivea products**

\*Trade Price Value

N.B. Purchase Tax chargeable on all bonus goods. Minimum outers not broken.

**PLUS quantity discounts**

**HURRY!**

Only two more weeks—to buy Nivea Creme  
and **SUN PREPARATIONS**  
at extra-profit bonus terms!

Nivea Creme. Nivea Creme Soap.  
Nivea Skin Oil. Nivea Shampoo.  
Nivea Sun Preparations and  
all other Nivea products.

SMITH & NEPHEW LTD., WELWYN GARDEN CITY, HERTS.

# ***furadantin***

*—how are your stocks?*

We continue to draw the attention of the medical profession to the advantages of FURADANTIN in the treatment of urinary infections. The product is in tablets of 50 mg. in containers of 25 and 250 and is stocked by your wholesaler.

DUNCAN FLOCKHART OF EDINBURGH



Duncan, Flockhart & Co. Ltd., Edinburgh 11 AFU 3/58

## **C. F. GERHARDT LTD**

CONTROLLING HUFFER & SMITH LTD. & S. B. PENICK & CO. LTD.

OFFER, FOR HOME AND EXPORT, A WIDE RANGE OF  
**BOTANICAL DRUGS**

AGAR-AGAR  
CASCARA BARK  
IPECAC. ROOT  
LOBELIA HERB



MENTHOL  
RAW OPIUM  
SLIPPERY ELM BARK  
WILD CHERRY BARK

*and all other crude drugs in commercial use*

MANUFACTURERS OF **DETHMOR** WARFARIN & **DETHMOR** PLUSBAIT  
THE WORLD'S GREATEST RODENTICIDES

**C. F. Gerhardt Ltd. New Era Works, Purley Way, Croydon, Surrey**

Telephone: THOrnton Heath 4266

Cables: Strychnine, Croydon



THE NAME BEHIND THE CHEMIST



FOR OVER A CENTURY AND A HALF

# TWO OUTSTANDING PASTILLES IN DELIGHTFUL PRESENTATIONS

Perfect pastilles  
Improved formulæ  
Distinctive colourful tins  
Eye-catching show-outers

RETAIL PRICE 1/6.  
TRADE PRICE: 12/- PER DOZEN.  
FREE OF PURCHASE TAX.

*Quantity terms on request.*



Meggeson & Co., Ltd., London, S.E.16





**NEW**

**CONTROLLED  
FLOW  
Teat**

**IT'S TRULY ANTI-COLIC**

**NEW  
NYLON  
Bottle**



Mothers will be clamouring for the new Feedrite with the Controlled Silicone Finished Flow Teat and the choice of Glass or Nylon bottle. Our National Press campaign will bring them into your shops. Don't disappoint your customers—make sure your stocks are sufficient to meet the demand. **Showcards and Leaflets supplied on request. Obtainable only from your wholesaler.**

**FEEDRITE LTD.**

300, KINGSTON ROAD, MERTON PARK, LONDON, S.W.20

**FEEDRITE BOTTLE AND CONTROLLED FLOW TEAT.**

**FEEDRITE SPARE BOTTLES.**

**FEEDRITE SPARE THERMAL HEAT RETAINING PAD SETS.**

**FEEDRITE ANTI-COLIC CONTROLLED FLOW TEATS Cherry or Straight.**

**FEEDRITE RUBBER BOTTLE STOPPERS.**

**FEEDRITE FOOD AND BATH THERMOMETERS.**

**FEEDRITE NYLON BOTTLE.**

*New and nationally advertised!*

**SANITARY PROTECTION IN  
LUXURY NYLON LINGERIE**

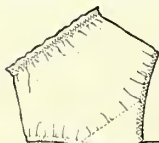
Women are quick to appreciate the many advantages of Cosette No-Belt Sanitary Protection. These dainty white nylon briefs with waterproof gusset and pockets for the towel are more hygienic, convenient and safe—a profitable line for you too!

**No belts, hooks or pins**



RETAIL 12/3 a pair. 3 sizes.

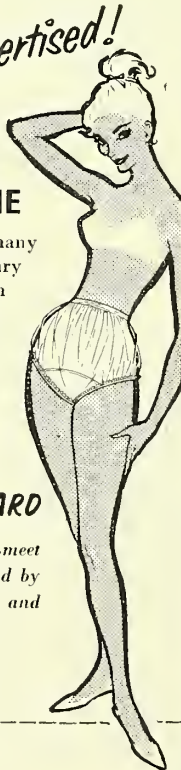
**FREE DISPLAY OUTER & SHOWCARD**



Be sure you can meet the immediate demand by sending for details and trade prices to:—

**No Belt**

**COSETTE LTD., 28 GOODGE STREET, LONDON, W.1**



**Mellajuce**

Regd.

**FRUIT JUICES and  
TOMATO COCKTAILS**

*Diabetics are describing them as:—*

..... "DELIGHTFUL"  
"DELICIOUS" .....  
"A WELCOME EXTRA"

**THE PURE JUICE IS SO MUCH  
BETTER THAN ORDINARY SQUASH**

*Apply to your wholesaler or direct to*

**8 HOWARD STREET, G.T. YARMOUTH  
TELEPHONE: 4344**



# *Knoll* Fine Chemicals

enjoy world-wide  
reputation

## Barbonin®

(6,7-diaethoxy-1-[3,4-diaethoxy-benzyl]-  
isochinoline)

## Bromoisovalerylurea (Bromvaletone B.P.C.)

## Caffeine Alkaloid and salts

## Ephedrine, its salts and derivatives

## Papaverine and its salts

## Pentamethylenetetrazol (Leptazol B.P.)

## Theophylline, its salts and derivatives

## Theophylline Ethylene Diamine

*Knoll* Fine Chemicals are  
distinguished by their purity  
and meet the requirements  
of the prominent  
pharmacopœias.

Marketed by

**Alwitt Trading Co., Ltd.**

1, Broad Street Place  
LONDON, E.C.2



**KNOLL A.-G.** • Chemical Works • Ludwigshafen-on-Rhine

# Brown-Glo

a creation of L'OREAL · PARIS

The **NEW** semi-permanent colouring that restores completely **NATURAL COLOUR** to

*GREYING HAIR*



**COLOR-GLO** created a vast new hair colouring market among younger women. Now comes **BROWN-GLO**, a sister product which conceals greying hair: *backed by a powerful and regular advertising campaign in the Women's Magazines (over 12 million readers).*

The first of its kind in the world, **BROWN-GLO** will bring about another hair colouring revolution. At last, a woman with unwanted greying hair can buy a semi-permanent hair colouring that will conceal her grey hair absolutely naturally, and have all the following reassuring advantages.

- \* It is not a dye—not a rinse.
- \* It is absolutely harmless, and foolproof.
- \* It survives shampooing and the effects last 4 to 5 weeks before requiring renewing.
- \* Although it conceals her greying hair, the user still retains her natural colouring.
- \* Because it is semi-permanent, she can return to her natural grey.
- \* **BROWN-GLO** cannot rub off on clothes or pillows or run when wet.
- \* It's good for the hair—improves its condition.
- \* It does not affect permanent waving.

Millions of women have unwanted grey hairs. Every one is a potential user of **BROWN-GLO**, and once they begin to use it, they will go on buying it every 4 to 5 weeks.

There is big new profit for you—make no mistake about that. A great volume of sales is a certainty. All the drive, sales "know-how" and successful advertising technique that made **COLOR-GLO** a big seller from the word go is behind **BROWN-GLO**.

Advertising for this revolutionary hair colouring is now appearing in the big circulation women's magazines. Grey haired women all over the country will be asking for **BROWN-GLO**. You must have some on your counter. Order from your Wholesaler *now*, he has stocks available.

## Brown-Glo

Trade price 29/9 per doz.  
plus 60% tax

Retails at 5/3 per tube.

Packed in a tube inside an individual display carton with instruction leaflet and sponge applicator.

There are six shades, which we suggest are ordered in the following proportions:

Mid Brown	25%
Mid Warm Brown	15%
Dark Brown	20%
Dark Warm Brown	15%
Light Brown	12½%
Light Golden Brown	12½%

**A SISTER PRODUCT OF COLOR-GLO . . . FASTEST SELLING HAIR COLOURING PRODUCT**



# cash in on Britain's biggest COLOUR advertising campaign for Britain's first COLOUR shavers!

**Sunbeam** are first in Britain with shavers in colour! So Sunbeam are telling millions of readers about it through big colour advertisements in all the following mass-circulation magazines — *Reader's Digest*, *John Bull*, *Illustrated*, *Weekend*, *Everybody's*, backed up by black and white advertisements in the *Daily Express* and *Sunday Express*.

Advertisements in the above will feature this complete range of famous Sunbeam shavers—

## Sunbeam *Silver glide* SHAVEMASTER — IN 6 ATTRACTIVE COLOURS

Standard Model XC  
AC/DC mains 210/250v.  
£10.15.2 inc. tax.



Dual Volt Model XCR  
AC/DC mains 100/140v.  
190/250v. £11.18.6 inc. tax.



### MODEL W SHAVEMASTER NOW BETTER VALUE THAN EVER!



Standard Model WZA Shavemaster,  
now only—£8.8.0 inc. tax.  
Dual Volt Model WRA Shavemaster,  
now only—£9.9.0 inc. tax.

### Lady Sunbeam SHAVEMASTER

with exclusive Micro-Twin Head designed especially for feminine use.  
In three colours. £5.17.6 inc. tax.



**BE READY TO  
MEET THE DEMAND!  
ORDER FROM YOUR  
WHOLESALE TODAY!**

Sunbeam Electric Ltd., Nerston,  
East Kilbride, Glasgow.

OX 9828



Sunbeam  
Mixmaster



Sunbeam  
Mixmaster  
Junior



Sunbeam  
Frypan-  
Cooker



Sunbeam  
Ironmaster



## Monochloroacetic Acid Sodium Monochloroacetate

FARBWERKE HOECHST AG.

*vormals Meister Lucius & Brüning*

Frankfurt (M) - Hoechst



C 388 c - E / Ew 41

Distributors for chemicals in the U.K.:

HOECHST CHEMICALS LTD., 50, Jermyn Street, London S.W. 1, Tel. Reg. 7534  
75, Piccadilly, Manchester 1, Tel. Central 2234/5

## A Soap for Two Markets

The customer who wants a mildly medicated soap; and the customer who likes a top-quality toilet soap; you will sell Cuticura to both. Only Cuticura Soap has this happy combination. Superfatted to give a rich, fragrant lather, it is also—like Cuticura Talcum and Shaving Stick, those other best-sellers—mildly medicated to give skin health. It pays to display and recommend

### Cuticura Soap

*also*

TALCUM POWDER • OINTMENT  
HANDCREAM • MEDICATED LIQUID  
SHAVING STICK

Do not  
disappoint  
your customers  
—*stock and display*

# Askit

Powders and tablets for the safe and  
speedy relief of headaches, colds, chills,  
rheumatic and nerve pains.

EX ALL LEADING WHOLESALE HOUSES





## Deep roots...

In the highly specialised sphere of drug growing, Ransom's roots go deep. Founded more than a century ago, the Company can claim a vast fund of experience that has long been acknowledged around the world. And Ransoms is a truly *progressive* organisation . . . always seeking still better methods of cultivation . . . always developing still newer strains of medicinal plants on the Company's drug-growing farms at St. Ives. Ransoms look energetically to a future in which drugs and galenicals will continue to fill a vital role, for nature often provides the best measures against diseases, despite today's use of synthetic drugs.

**EXTRACTS • TINCTURES • ESSENTIAL OILS • RESINS • CHLOROPHYLL**

*Actual growers of*

**BELLADONNA • HENBANE • FOXGLOVE • PEPPERMINT • LAVENDER**

*Samples and quotations gladly supplied*

**SPECIALISTS IN THE MANUFACTURE OF PRODUCTS TO CUSTOMERS' OWN FORMULAS.**

**WILLIAM RANSOM & SON LIMITED**

**Hitchin • Hertfordshire • England**



Established 1846



*Good printing  
definitely promotes  
better Sales —*

## SUTTLEY & SILVERLOCK

BRANCH OF KELLY'S DIRECTORIES LTD

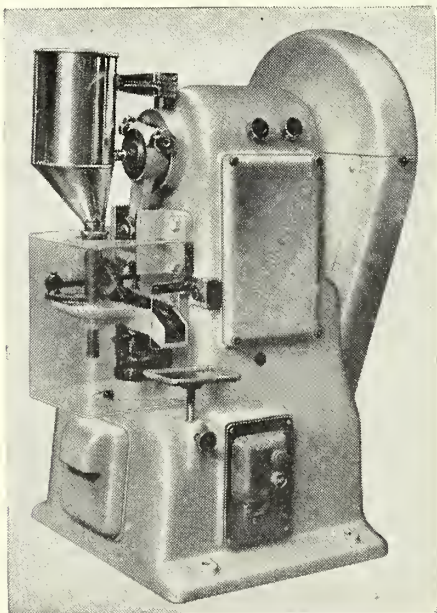
*are* **SPECIALIST PRINTERS** *for* **CHEMISTS**

**STOCK LABELS** for Medicinal and Toilet Preparations. A large assortment of designs. Samples on application.

If you pay half as much attention to your labels, cartons and other printed matter as you do to the appearance of your windows—your two allies in sales-building—the Suttley & Silverlock printing service will solve your problems.

**ANDOVER, HANTS**

London Office: 2 ARUNDEL STREET, STRAND, W.C.2. Telephone: Temple Bar 3464 (9 lines)



New LB.1. Type Bench Tableting Machine

### ROTARY and SINGLE PUNCH TABLETING MACHINES

### OINTMENT MIXING and GRINDING MILLS

### PUNCHES AND DIES FOR ALL TYPES OF TABLETING MACHINES

Presses and Moulds for  
Gelatine Capsules



**S. W. WILKINSON & CO., LTD.**  
WESTERN ROAD, LEICESTER

Telephone: Leicester 21283.

Telegrams: Wilkinson, Leicester 21283

Engineers and Specialists in Pharmaceutical Machinery for over 50 years.



*Open Wide  
Your Eyes...*

....and see how you  
can cash in on the



# NEW Optabs NATIONAL ADVERTISING

every month most of your customers see the OPTABS advertisements in

*Estimated Readership*  
The Sunday Pictorial . . . 15,348,000  
The Sunday Express . . . 9,699,000

*Estimated Readership*  
The People . . . . . 14,212,000  
Woman's Sunday Mirror . . 2,242,000



## AND NOW T/V in ALL REGIONS

During May OPTABS will be on Midlands TV twice a week as well as in Lancashire and Yorkshire all the summer and in ALL Regions during the Wimbledon Tennis Championships.

Are your stocks adequate to  
meet the demand?

**ORDER  
NOW!**

# Optabs

## THE NEW TABLET EYE LOTION



Kit Pack (including Eye Bath) retails at 2/6  
Refills (a month's supply) retail at 2/-

Generous trade terms and display material available  
Special Bonus Offer in return for point of sale display

Optabs Ltd., Kemtheutic House, Grant St., Bradford 3





## FLAVOURS FOR PHARMACEUTICALS

The Flavour House with the  
Pharmaceutical Background

Let our 100 years of experience  
help in flavouring your new product

Please 'phone your enquiries  
to Clissold 1234



1957/C202

W · J · BUSH & CO · LTD · LONDON · E · 8 · ENGLAND

# Zoflora

*floral* DISINFECTANT

**BACKS UP THE RETAILER *all the way!***

### A GOOD PRODUCT

Zoflora floral disinfectant is a powerful germicide with a pleasant fragrance. Housewives all over the country use it regularly. It is a good steady seller.



*there's good business  
for you in* **Zoflora**

### A GOOD RANGE

Besides the standard bottle of concentrate retailing at 2/6



there is the Spray Pack at 2/6

The Junior Outfit at 5/6



The Standard Outfit at 12/6

and Zoflora aerosol at 5/6.



### WELL ADVERTISED

Sales of Zoflora are assured by the vigorous national advertising appearing regularly in the mass circulation women's magazines, in Reader's Digest, Radio Times and on I.T.V.



### FREE SHOW MATERIAL



\*  
**ATTRACTIVE SHOW CARDS  
ARE AVAILABLE ON REQUEST**

T H O R N T O N   &   R O S S   L T D .   •   H U D D E R S F I E L D



**This Summer****stick****to this quick selling line****Sells to  
public at 3d**To Retailers: Under 3 gross 27/- per gross  
3 gross & over 24/- per gross

Order now from your usual wholesale supplier

or direct from:— **KAY BROTHERS LTD**  
**REDDISH, STOCKPORT**Absolutely sure way to catch flies • Holds  
them fast for good • Guaranteed to remain  
fresh while stored • In eye-catching display  
boxes of 3 & 6 dozen • Quick turnover line**Honeypot**  
*flycatchers***SUNBURN—ORDER NOW!**Now is the time to think about and prepare  
for our unpredictable heat waves and pro-  
vide for the people who will, as always, be  
seeking something to soothe and heal their  
sunburn.Introduced just prior to last summer, testi-  
monials were received from satisfied users,  
and chemists, following their initial supply  
were soon repeating and requesting speedy  
delivery.Every carton plainly displays the C.F. symbol  
and counter leaflets are available for retail  
distribution, these indicate its many uses.  
The illustration indicates the attractiveness  
of this line and it carries a satisfactory  
margin of profit.**ALWAYS INCLUDE AIDEX  
IN YOUR C.F. DISPLAYS****PRICES:**

TRADE	13/- dozen
P.T.	3/11 dozen
RETAIL (incl.)	2/- each

A PRODUCT OF **Cuxson, Gerrard & Co. Ltd.** OLDBURY, BIRMINGHAM

# CITROZE SALES HAVE MORE THAN DOUBLED IN THE LAST YEAR!

And look what we're doing  
to push sales even higher!

## Big advertisement drive!

Lively TV commercials—reaching 18 million viewers—on all stations—two or three times a week—throughout the summer!  
Backed by big spaces in the nationals, provincials and magazines!

## Big Profits for you!

Order Citroze in case lots, and this is your profit—

9d minimum profit on every 3/9 bottle

6d minimum profit on every 2/6 bottle

For maximum profit combine your orders with Sunfresh Orange and Sunfresh Lemon Barley Glucose Drink.

# CITROZE

*for up-and-at-'em energy!*

THE GLUCOSE DRINK FLAVOURED WITH WHOLE FRESH LEMONS

Order now from your usual supplier, or write/phone direct to:

O. R. Groves Ltd., 20, Jermyn St., London, S.W.1. GERrard 9484 (7 lines)



# The CHEMIST AND DRUGGIST

## CLASSIFIED ADVERTISEMENTS (Prepaid)

Specially spaced Advertisements, including:—Public and Legal Notices, Sale by Auction, Appointments, Contract Work, Patents, Partnerships, 18/- per 1/4 inch minimum and pro rata. Box 2/-. Clearances and Wants, Businesses for Disposal and Wanted, Premises, Agents Wanted, Agencies Wanted, Miscellaneous, 17/6 for 36 words minimum; then 4d. per word. Box 2/-. Situations Vacant, 12/- for 36 words minimum, then 4d. per word. Box 2/-. Situations Wanted, 3/- for 18 words minimum; then 2d. per word. Box 1/-. Replies to Box numbers should be addressed to:—The Chemist and Druggist, 28 Essex Street, Strand, London, W.C.2. Phone: CENTral 6565.

## ORRIDGE & COMPANY

**184 STRAND, W.C.2**  
**Tel: TEMple Bar 9212/3 & 6340**

**CHEMIST BUSINESS TRANSFER AGENTS AND VALUERS WHOLESALE AND RETAIL**  
**BRANCHES: BIRMINGHAM · SOUTHAMPTON · LIVERPOOL · SHEFFIELD · CARDIFF**

### PREMISES TO LET

#### NEW SHOPS AT MOUNT PARADE, COCKFOSTERS, HERTS

Applications are invited for lease of shop in parade of 9 new shops. Lease to be for 21 years at following annual exclusive rents:—

- 1st 7 years £200
- 2nd 7 years £225
- 3rd 7 years £250

Maisonnette over shop also available (at additional rent) if required by lessee.

Particulars from Clerk of the East Barnet Urban District Council, Town Hall, New Barnet, Herts (BARNET 9181). Last date for applications, May 17, 1958. C 7896

### BUSINESSES FOR DISPOSAL

**FOR SALE.** Established pharmacy, modern fittings, prosperous provincial town, N.I. Living accommodation. Will sell or let property. Reasonable. Box C 1474.

### BUSINESSES WANTED

**AN ACTIVE** Public Company wishes to purchase toilet, cosmetic or proprietary medicine business preferably of substantial size although smaller, old-established business would be suitable. Will also consider other manufacturing units operating in the Chemist, Grocer or Hardware fields. Communicate in strictest confidence with Managing Director. Box C 364.

### APPOINTMENTS

#### BIRKENHEAD HOSPITAL MANAGEMENT COMMITTEE, ST. CATHERINE'S HOSPITAL, BIRKENHEAD

Pharmacist

Applications are invited for the above post. In this general Hospital of 478 beds, the position offers good experience. Salary scale: £580 x £30 (6)—£760 x £25 (1)—£785. Previous professional experience will be taken into consideration when considering the point of entry into the salary scale. Apply stating age, qualifications and the names and addresses of two referees to Secretary, above Committee, St. James' Hospital, Toliemache Road, Birkenhead. C 7874

#### CENTRAL MIDDLESEX HOSPITAL, PARK ROYAL, N.W.10

Pharmacist

Applications are invited for the post vacant July 1. Salary in accordance with the Whitley scale. Applications to the Medical Director as soon as possible stating age, qualifications and experience with the names of two referees. C 7897

#### CANTERBURY GROUP HOSPITAL MANAGEMENT COMMITTEE

Deputy Chief Pharmacist

Applications are invited for the appointment of Deputy Chief Pharmacist to the Group Pharmaceutical Department (Category IV hospitals). The department, which is situated at the Kent and Canterbury Hospital, serves the eleven hospitals and clinics in the area. Salary £675 rising by annual increments to a maximum of £910 per annum. Applications with full details and the names of two referees to be addressed as soon as possible to the Group Secretary, Central Office, Nunnery Fields Hospital, Canterbury. C 7890

#### CENTRAL GROUP HOSPITAL MANAGEMENT COMMITTEE

Locum Pharmacist

required for the following periods:—

- |             |                |
|-------------|----------------|
| 19th May —  | 31st May       |
| 9th June —  | 5th July       |
| 28th July — | 2nd August     |
| 7th July —  | 27th September |

for duties at 3 hospitals within the Group. Salary up to 16 guineas per week. Applications to the Chief Pharmacist, St. Leonard's Hospital, Nuttall Street, London, N.1. C 377

#### CONNAUGHT HOSPITAL, WALTHAMSTOW, E.17

Locum Assistant-in-Dispensing

(Apothecaries' Hall Certificate) required at Connaught Hospital, Walthamstow, E.17, 9.6.58 to 14.6.58 and 8.9.58 to 20.9.58, £9 11s. 6d. per week. Apply Secretary, Forest Group H.M.C., Langthorne Road, E.11. C 7906

#### CENTRAL GROUP HOSPITAL MANAGEMENT COMMITTEE

Locum Dispensing Assistants

required for the following periods:—

- |                 |                |
|-----------------|----------------|
| 23rd June —     | 28th June      |
| 28th July —     | 2nd August     |
| 8th September — | 13th September |
| 8th September — | 17th September |

for duties at 3 hospitals within the Group. Salary up to £9 11s. 6d. per week, plus London Weighting, according to age and qualification. Applications to the Chief Pharmacist, St. Leonard's Hospital, Nuttall Street, London, N.1. C 378

#### GENERAL HOSPITAL, MARGATE

Deputy Chief Pharmacist (Category IV)

Whitley Council salary scale—£675 to £910 per annum. Applications, stating age, qualifications and experience, with names of two referees, to the Hospital Secretary. C 384

#### HOSPITALS FOR DISEASES OF THE CHEST

Locum Pharmacist (Category III)

required at THE LONDON CHEST HOSPITAL. Salary by arrangement. Applications to the House Governor, London Chest Hospital, E.2. C 7898

#### NAPSURY (MENTAL) HOSPITAL MANAGEMENT COMMITTEE, Nr. ST. ALBANS

Locum Tenens Pharmacist

required at £16 16s. per week. Details to the Group Secretary with names of two referees in an envelope to be endorsed "Locum Pharmacist." C 7840

#### LONDON JEWISH HOSPITAL, STEPNEY GREEN, E.1

Locum Pharmacist

required from May 12, 1958. Salary £16 16s. per week. Applications to the Chief Pharmacist (tel.: Stepney Green 4251). C 7828

#### NEASDEN HOSPITAL, BRENTFIELD ROAD, N.W.10

Chief Pharmacist (Category II)

Acute infectious diseases, geriatric and ophthalmic beds. Applications are invited for the above post to commence duties on June 2. Applications with names of two referees to be sent within seven days to Group Secretary, Central Middlesex Group Hospital Management Committee, Park Royal, N.W.10. C 7935

#### ROYAL EAST SUSSEX HOSPITAL, HASTINGS, SUSSEX

Locum Dispenser

required from September 1st—6th. Apply with full particulars to Administrator. C 7903

#### SOUTH-WEST DURHAM HOSPITAL MANAGEMENT COMMITTEE

Chief Pharmacist (Category II)

required at Hollywood Hall Hospital, Wolsingham. Salary £725—£900 per annum, plus £25 if holding higher qualification. N.H.S. conditions and superannuation. Application forms from the undersigned to be returned by May 12. K. G. T. LUXFORD,  
Group Secretary/Finance Officer. C 7905

#### ST. BARTHOLOMEW'S HOSPITAL, LONDON, E.C.1

Pharmacist

required from June 2, 1958. Salary according to Whitley Council scale. Write, giving names of two referees, to Chief Pharmacist. C 7921

#### STAINES GROUP HOSPITAL, MANAGEMENT COMMITTEE, ASHFORD HOSPITAL, ASHFORD, MIDDLESEX

Pharmacist

required on salary scale £580 to £785 per annum, plus London Weighting Allowance. OR Locum Pharmacist, salary £16 16s. per week. Applications, stating age, qualifications and experience, with copies of up to three recent testimonials, to Medical Director of Hospital immediately. C 385

### NATIONAL HEALTH SERVICE

Deputy Superintendent

Applications are invited for the post of Deputy Superintendent at the Northumberland No. 1 Bureau. The commencing salary £693 per annum rising by 5 annual increments to £862 per annum. The successful applicant will be required to assist the Superintendent in resolving problems arising in the pricing of National Health Service prescriptions and in controlling staff. A knowledge of Pharmacy is desirable and Administrative experience would be an advantage.

Applications stating age, qualifications, and experience together with names of three referees should be sent to the Clerk, Joint Pricing Committee for England, 38 Northumberland Street, Newcastle-on-Tyne, 1, before May 10, 1958. 38 Northumberland Street, Newcastle-on-Tyne, 1. 24th April, 1958. C 7911



**Appointments—Continued****SOUTHMEAD GENERAL  
HOSPITAL GROUP  
MANAGEMENT COMMITTEE****Deputy Chief Pharmacist**

required at Southmead Hospital, Bristol (570 beds plus 138 cots). Modernised department covers nine other hospitals in Group. Salary scale £725—£990 per annum. Higher qualification preferred.

Applications stating age, qualifications, present post, and experience, together with the names and addresses of three referees to be submitted to the undersigned not later than May 10, 1958.

C. C. HANCOCK,  
Group Secretary.

Southmead Hospital,  
Bristol. C 7889

**ST. PETER'S HOSPITAL,  
CHERTSEY, SURREY****Pharmacist and Assistant-in-Dispensing**

required, Whitley Council conditions. Hospital situated in rural surroundings within easy access of London. Accommodation available for single woman. Salaries: Pharmacist £580 to £785, according to experience; Assistant-in-Dispensing (age 22 and over) £375 to £490.

Applications, stating age and experience, giving two referees, to Administrative Officer. C 7907

**ST. BARTHOLOMEW'S HOSPITAL,  
LONDON, E.C.1****Locum Pharmacist**

required from June 2, 1958. Salary at the rate of £16 16s. per week. Applications, in writing, giving details to Chief Pharmacist. C 7920

**THE LONDON HOSPITAL,  
WHITECHAPEL, E.1****Locum Registered Pharmacist**

required for month of June 1958. Salary £16 16s. p.w. Write Secretary. C 7888

**HEALTH CENTRE****SWINDON HEALTH CENTRE****Deputy Chief Pharmacist**

Applications invited from pharmacists for supernumerary appointment of Deputy Chief Pharmacist at above Health Centre. Salary on scale £675—£910 p.a.—39-hour week. Living accommodation may be available if required.

Applications stating age, qualifications, experience and names and addresses of three referees to be sent as soon as possible to the clerk of the Council, County Hall, Trowbridge. C 367

**SWINDON HEALTH CENTRE**

Applications invited for the following posts:—  
1. **Locum Pharmacist** required May 19 to 31, 1958, inclusive. Good supporting staff and conditions. Salary £21 a week. Apply to Area Medical Officer, Civic Offices, Swindon.

2. **Assistant-in-Dispensing**, salary £375 p.a. at age 22, rising to £490 p.a., plus £20 p.a. for holders of A.H. certificate or equivalent. Whitley Council conditions of service. Applications in writing, naming three referees, to above address. C 7924

**SITUATIONS VACANT****RETAIL HOME**

**CAMERA SALES** (male), also Junior camera sales (male or female) with some knowledge or interest in photography. Apply City Sale & Exchange, Ltd., 93 Fleet Street, E.C.4. C 7922

**COVENTRY (CENTRAL)**. Pharmacist required, lady or gentleman, for high-class dispensing and family establishment. Please write, stating salary required to Managing Director, Loveitt & Bones, Ltd., Hertford Street, Coventry. C 1477

**EALING**. Experienced Pharmacist required to manage a modern up-to-date business with an extensive dispensing and general trade connection. There is an experienced cosmetic staff and a self-contained flat at an economical rental is available. Application in first instance to Box C 1491.

**HOUNSLOW, NEAR**. Managing Chemist required for a substantial business which offers many opportunities in the direction of sales and dispensing activities. A three-bedroomed house, with garage, is available if required. Applications in first instance to Box C 1492.

**OLDHAM CO-OPERATIVE CHEMISTS, LTD.**, invite applications for position of pharmacist branch manager. Accommodation, modern house made available, if necessary. Superannuation. Salary and other emoluments, £930. Applications, stating age, experience, etc., to Oldham Co-operative Chemists, Ltd., King Street, Oldham. C 388

**LOCUMS WANTED**

**LOCUM PHARMACIST**, lady or gentleman, required June 16 to 28 inclusive. No Sundays or rota. Easy going. Leslie Martyn, Ltd., 34 Dalston Lane, E.8. C 1468

**LOCUM REQUIRED** for two weeks, preferably late June or early July. Comfortable post, adequate competent staff, only dispensing necessary. Previous regular locum accepted permanently. Write stating terms to: Superintendent Chemist, Grantham Co-op Pharmacy, London Road, Grantham. C 1456

**WHOLESALE****ALLIED LABORATORIES, LTD.**

**MEDICAL REPRESENTATIVE** required for S.E. London and Kent to take over and develop an established connection. Previous experience in this work is not essential but a sound medical or pharmaceutical background is necessary. Company car provided. Remuneration is by salary, commission and expenses. An attractive pension scheme is in operation. Applications, giving details of career to date, should be addressed to Sales Manager, Allied Laboratories, Ltd., 140, Park Lane, London, W.1. C 386

**APPLICATIONS** are invited from pharmaceutical representatives to fill vacancy on established territory of manufacturing drug house. Full details, which will be treated as strictly confidential, to Box C 7884.

**CHEMIST** (Inter Science Standard) for analysis essential oils and perfumery chemicals. Write full details to Technical Director, Antoine Chiris, Ltd., Bridge House, Tadworth, Surrey. C 1470

**EXPERIENCED REPRESENTATIVE**

required for North and East London by Wholesale Chemists (CF); proprietary and sundries stockists, now expanding into prescription and ethical field. Box C 1493.

**EXPERIENCED PRICING CLERK** for Midlands wholesale distributive chemists. Knowledge of pharmacy and drugs essential. Replies in confidence. Box C 7919.

**EXPERIENCED REPRESENTATIVE**

required for established territory (South London). Good salary, Commission, Expenses and Pension Scheme. Apply in writing to Sales Manager, H. & T. Kirby & Co., Ltd., Belton Road, London, N.W.2. C 7871

**MALE INVOICE CLERK** required by manufacturing chemist in N.W. London. Modern office and good prospects. Reply Box C 7900.

**LEDERLE LABORATORIES  
DIVISION CYANAMID OF GREAT  
BRITAIN LTD.**

require a

**MEDICAL REPRESENTATIVE**

for the Newcastle-on-Tyne district. Applicants, aged 25-35, should have a pharmaceutical background, and selling experience would be an asset. Remuneration is by salary, with prize scheme, expenses, company car, pension scheme. Fully-detailed applications, which will be acknowledged, should be addressed, in complete confidence, to

Personnel Manager,  
Cyanamid of Great Britain Ltd.,  
Bush House, London, W.C.2.  
C 7912

**PHARMACIST**, lady, required for special dispensing department in laboratory. Five-day week. Apply Pharmacy Superintendent, Timothy Whites & Taylors, Ltd., Burley Hill, Leeds, 4. C 7873

**MEDICAL REPRESENTATION**

**PHARMACISTS** or men with extensive Pharmaceutical background are invited to apply for appointment as Medical Representatives.

The main requirements are a knowledge of modern therapeutics, pharmacy and selling. In addition, enthusiasm, imagination and integrity are essential.

The company offers a good basic salary in addition to a pension and life cover, provides a car and operates a bonus scheme.

When applying please give full details of self and career to date and state which area of the United Kingdom you are interested in. Replies to Box C 7739.

**MEDICAL REPRESENTATIVES** required for Lancs, Co. Durham, Yorkshire, and Warwickshire, progressive company with rapidly expanding number of products. Excellent prospects for promotion. Salary, expenses and commission. Write Sales Director, Carlton Laboratories, Ltd., 2 Norfolk Square, Brighton, Sussex. C 1490

**PHARMACIST**

Bob Martin Limited invite applications for a position in their control laboratory. Candidates, ages up to about 30, should have a pharmaceutical qualification and have had good experience in pharmaceutical analysis. Apply in writing to the Chief Chemist, Bob Martin Limited, Southport, Lancashire. C 7915

**PHARMACIST WANTED** as manager of ampoule and tablet department of manufacturing chemists in North London. Salary starting £1,250 p.a. Box C 7892.

**PFIZER LTD.****Pharmaceutical Representatives**

1. East Anglia
2. Home Counties
3. London Area

Applications are invited from young men under the age of 40 for the above appointments.

Applicants will be required to call on dispensing chemists and should have a sound pharmaceutical knowledge and background.

Good starting salary and expenses. Car provided. Non-contributory Pension Scheme.

Applications, giving full particulars of age, experience, etc., should be made in writing to the Personnel Officer, 137/139 Sandgate Road, Folkestone, quoting reference E 6660. C 7844

**SALES REPRESENTATIVE** required by W. B. Cartwright, Ltd., Manufacturing Chemists, for South Wales and adjacent area. Existing contacts and trade experience in the area advantageous but not essential. The appointment gives a good opportunity to young man. Salary, commission, expenses, car provided and Pension scheme. Write W. B. Cartwright, Ltd., Rawdon, Leeds. C 7882

**REPRESENTATIVE FOR  
NORTHERN IRELAND**

A leading company of Distributors marketing advertised pharmaceutical and toilet products requires an experienced representative, resident on the territory, to maintain and develop a well-established connection in the pharmaceutical field. Remuneration by salary, expenses and bonus. Non-contributory pension scheme. A company car is provided. Full particulars of experience, salary required and age to Box C 7923.



**RIKER**

Riker Laboratories Limited have vacancies for medical representatives. Remuneration, by salary and bonus, is good, expenses are generous and a new car is provided. Territories are as follows:

1. East Anglia.
2. Leicestershire and Derbyshire.
3. Hampshire.

These are posts offering first class prospects for the right men. There are opportunities for further progress since promotion from within the representative force is a feature of company policy. Only applications from pharmacists or suitably qualified medical auxiliaries will be considered. Previous experience is not essential as a very comprehensive training is given. Apply in the first instance in writing to: The General Sales Manager, Riker Laboratories Limited, Morley Street, LOUGHBOROUGH, Leics,

marking the envelope "Representative."

C 7552

**THE CROOKES LABORATORIES LTD.****REPRESENTATIVES**

This wholly British company require additional representatives, for combined technical and sales propaganda to doctors and retail pharmacists, covering:—

1. North Scotland.
2. Surrey and West Sussex.

A pharmaceutical qualification or adequate technical background is essential. The appointments are superannuated and well remunerated with progressive salary, adequate expense allowance and commission directly associated with territorial results. Promotion is possible either in the U.K. or to overseas positions. Only candidates with keen desire to progress should apply in writing with full details regarding age and past experience to the Sales Director, The Crookes Laboratories Limited, Gorst Road, Park Royal, N.W.10.

C 7879

**ORTHO PHARMACEUTICAL  
LIMITED**

are further extending their activities in the United Kingdom. This follows in course of a vigorous development policy and creates opportunities on a nation-wide scale for outstanding young men with a good educational and selling background. Successful candidates will join the Company's medical/sales training programme preparatory to appointment to territories. These appointments are very well remunerated, carry attractive incentives and provide pensionable career opportunities. Applications in the first instance should be in writing and give a full outline of personal and business history, to the General Sales Manager, Ortho Pharmaceutical Limited, High Wycombe, Buckinghamshire.

C 7904

**MAY & BAKER LTD.**  
DAGENHAM ESSEX

require a

**GRADUATE**

(male, aged 30-35 years)

with a scientific degree, preferably in pharmacy, in their Publicity Division to lead a team of copywriters covering ethical medical/veterinary products and other pharmaceutical and chemical manufactures. Applicants must be able to write lucidly and have a real feeling for grammatical construction. There is a Pension Fund and Life Assurance Scheme in operation. Five-day week. Apply initially in writing to the Personnel Officer, quoting Ref. No. 61/58.

C 7914

**PFIZER LIMITED  
MEDICAL REPRESENTATIVES**

As several of our Medical Representatives have recently been promoted we now have a number of vacancies in various parts of the United Kingdom.

Applications are now invited from pharmacists or persons with a pharmaceutical or medical background to fill these vacancies.

All the appointments offer excellent career prospects and in addition to a generous starting salary a bonus scheme is in operation. A car is provided, expenses paid and a non-contributory Pension and Life Assurance Scheme operated.

Fully detailed applications should be made to: Personnel Officer

**PFIZER LIMITED**

137/139, SANDGATE ROAD, FOLKESTONE

quoting reference E 6647

C 7780

**BAYER PRODUCTS LIMITED****SALES APPOINTMENTS**

MEDICAL REPRESENTATIVES are required in Central and North Scotland and in the Home Counties area. We are looking for men who have a pharmaceutical or medical background or proved selling ability in a similar field plus the capacity to profit by a training course. We offer a good basic salary, commission and expenses, a Company car, personal insurance and superannuation. Equally important, we offer security in the progressive representative team of an established ethical company. Holiday arrangements respected. If you have the qualifications, background and initiative necessary, write in confidence to the Sales Manager, Bayer Products Ltd., Neville House, Eden Street, Kingston on Thames, Surrey.

C 7913

**LITTO Preparations**

are now being manufactured by

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222-224 HARROW ROAD, LONDON, W.2

to whom all orders and enquiries should be addressed

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**Situations Vacant—Continued****SMITH & NEPHEW  
PHARMACEUTICALS LTD.****MEDICAL REPRESENTATIVES**

We require 2 Pharmacists, with retail or hospital experience, who wish to make a career with us visiting members of the Medical and Pharmaceutical profession. Full training will be given by scientists in our research organisation in addition to instruction in ethical promotion. Candidates should be 25-40 years of age and be prepared to reside in Scotland, or the London area. We are a new company, rapidly expanding, and successful applicants will quickly realise the opportunities that lie ahead. A substantial salary will be paid, with full expenses and a Company car is provided. Bonus and Pension/Life Insurance scheme operating. Please apply in strict confidence, giving concise summary of age, qualifications (mentioning any special scientific aptitudes) and experience to:—

**Field Manager,  
Smith & Nephew Pharmaceuticals Ltd.,  
Bessmer Road,  
Welwyn Garden City, Herts**

C 7869

**SALESMEN** required for London and Southern Counties by manufacturers of nursery requisites of high repute, sold under well-known brands to wholesale chemists' sundriesmen and wholesale general dealers. Applicants must not be over 45 and must have progressive records showing outstanding success in this or an allied field. Salary, commission and expenses. Apply by letter giving full details of experience, etc., to Lew's Woolf, Ltd., 26 Bedford Row, W.C.1. C 7901

**TECHNICAL JOURNALISM:** THE CHEMIST AND DRUGGIST has a vacancy on its editorial staff for a male pharmaceutical chemist with experience in journalism. Write to the Editor, 28 Essex Street, London, W.C.2. C 7858

**WELL-KNOWN** manufacturers of Proprietary Pharmaceutical and Toilet Products in West Middlesex require a first-class man, not over 40, to control their packaging department of 80 operators. It involves responsibility for detailed planning of packaging lines, direction and training of supervisors and operators and quality control. Previous experience in similar position and knowledge of work-study desirable. Salary commensurate with capabilities and experience with opportunity for future advancement for the right man. Write Box C 7885.

**WESTMINSTER  
LABORATORIES LTD.**

*require a Deputy to the  
Director of the Medical  
Department*

Pharmaceutical or equivalent qualification essential. Age not exceeding 40. The duties are interesting and varied and to the right man the position offers considerable scope in the Company's rapidly expanding business in the ethical field. Pension scheme. Applications, which will be treated in strict confidence, should give details of experience to date and be addressed to: The Medical Director, Westminster Laboratories Ltd., Chalcot Road, London, N.W.1.

C 7930

**THE ARMOUR LABORATORIES**

invite applications from experienced Medical Representatives for a territory comprising London, W.1, and the Teaching Hospitals. This is a senior appointment and is remunerated accordingly. Excellent prospects are offered to the successful candidate, preferably under 35 years, and contributory pension and group insurance schemes are operative. Full details of age, education, and career to date to: Sales Manager, The Armour Laboratories, Hampden Park, Eastbourne. C 7908

**AGENTS WANTED**

**M.A.A.**—The Badge of a good manufacturers' agent. Manufacturers requiring reputable agents are invited to communicate with the Secretary, The Manufacturers' Agents' Association of Great Britain & Ireland (Inc.), Bream's Buildings, E.C.4. Membership available to established agents only. Particulars supplied. C 4

**MANUFACTURERS** of anti-rheumatic preparation are interested to hear from salesmen already visiting chemists or hospitals, who wish to carry an additional line. Write to Box C 1466.

**WANTED**

Sole Distributor  
to retail chemist trade  
in SCOTLAND

by English manufacturers of consumer goods in popular demand. Well-established firm able to carry stocks and with complete coverage of Scotland, willing to co-operate with manufacturers prior to national advertising. Please support application with full, relevant particulars. Box C 7910.

**SITUATIONS WANTED  
RETAIL HOME**

**CHEMIST**-ophthalmic optician, M.P.S.I., desires position preferably in dual capacity. Please state salary. Box C 1487.

**EXPERIENCED** assistant, lady, dispensing (hall) and counter, wants part-time post in West Country. Box C 1486.

**WHOLESALE**

**EXPERIENCED REPRESENTATIVE** seeks change. Ten-year connection in all London and E. Anglia area. Proprietaries, sundries, cosmetics. Box C 1464.

**AGENCIES WANTED**

**EXPERIENCED REPRESENTATIVE**, ten years with P.L.I. Good connections wholesale, retail, multiple and Co-op chemists, London and Home Counties. Good products only. Marshall Forrest, 17 Court Farm Road, Warrington, Surrey. C 1482

**GENLEMAN** wishes to represent or act as sole agent for manufacturers of perfumery, soap, toilet requisites or allied trade. Established connection includes 15 years' happy relationship with wholesale and retail chemists, departmental stores, etc., throughout Scotland. Car owner. A.S.M.A. Excellent references and further particulars at interview. Box C 7916.

**WANTED**

**ALL KINDS OF BOTTLES, JARS, SCREW CAPS**, cartons, packaging materials and manufacturers' stocks of all kinds bought at fair prices for spot cash. We are buyers of merchandise of EVERY DESCRIPTION. Clearance Stocks. Discontinued lines. Surplus and Redundant Stocks. Should you have anything for disposal, please send us samples and particulars. Reliance Trading Co., 75 Fairfax Road, Swiss Cottage, London, N.W.6. Tel.: Kilburn 0581 and 0038. C 153

**LANETTE WAX SX** required for manufacturing purposes in large or small quantities. Box C 7918.

**BUYER** specialises in disposing of job lots of any lines appertaining to pharmacy. Any quantity considered. Prompt cash settlement. Willing to discuss adaptation of machinery which is not quite suitable in its present use. Please send sample and full details to: J. Morris, 218 Walworth Road, S.E.17. Tel. No. 7261. C 1402

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**WE WILL PURCHASE** for cash a complete stock, a redundant line, including finished or partly finished goods; packing raw materials, etc. No quantity too large. Our representative will call anywhere. Write or telephone:—Lawrence Edwards & Co., Ltd., 6/7 Wellington Close, Ledbury Road, London, W.11. Tel.: Bayswater 4020 and 7692. C 140

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**WE** are looking for a company with the necessary equipment and willing to accept regular orders for impregnating cleaning cloths. Please write to Box C 1488.

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**100 BAYS** of brand new adjustable steel-shelving, 72 in. high by 34 in. wide by 12 in. deep, stove-enamelled bronze green. Sent knocked down—6 shelf bay—£3 15s. Sample delivered free. Quantity discounts. N. C. Brown, Ltd., Eagle Steelworks, Heywood, Lancs. Telephone 69018. C 7689

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Approx. size 26 in. by 15 in.

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Leather Mop. C 7917

**SULPHANILAMIDE POWDER.** To clear: 4-oz. bottles, 2s.; 1-lb. bottles, 5s. Carriage paid on 30s. Midgley, 58 St. Mildred's Road, Westgate-on-Sea. C 1479

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C 269

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## STEROIDS HORMONES

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derivatives)  
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